



# New Products

SEPTEMBER 2023

EuroClone®

We are continually expanding our portfolio to meet your research needs. *Check out* the new products released this month!

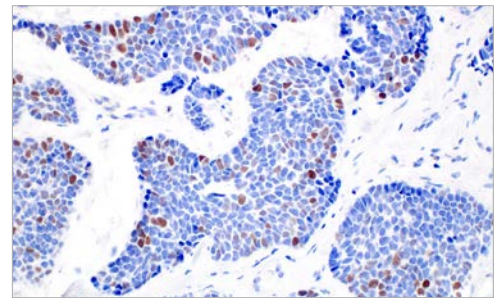
## HOT PRODUCTS

### BRCA1 (E5S9G) Rabbit mAb #50799

#### One of the cancer suppressor gene

The breast cancer susceptibility proteins BRCA1 and BRCA2 are frequently mutated in cases of hereditary breast and ovarian cancers and have roles in multiple processes related to DNA damage, repair, cell cycle progression, transcription, ubiquitination, and apoptosis. Numerous DNA damage-induced phosphorylation sites on BRCA1 have been identified, including Ser988, 1189, 1387, 1423, 1457, 1524, and 1542, and kinases activated in a cell cycle-dependent manner, including Aurora A and CDK2, can also phosphorylate BRCA1 at Ser308 and Ser1497, respectively.

**KEYWORDS:** Cancer suppressor gene, Breast cancer, Ovarian cancer, DNA damage



**IHC-P:** IHC analysis of paraffin-embedded human adenoid cystic carcinoma of the salivary gland using #50799.

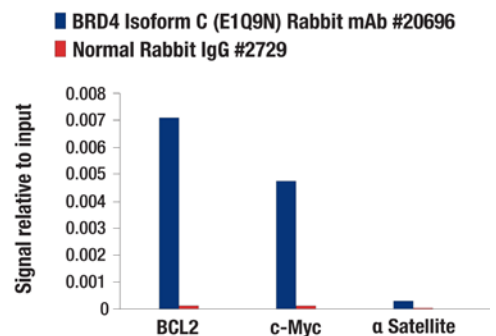
### BRD4 Isoform C (E1Q9N) Rabbit mAb #20696

#### Transcription factor important for neuron

BRD4 may be promising therapeutic targets for various Myc-driven cancers, such as Burkitt's lymphoma and certain acute myeloid leukemias.

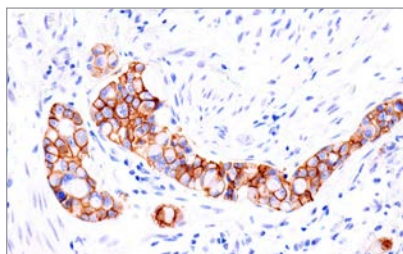
The expression of BRD4 isoform C, also known as the short isoform (BRD4-S), is similar to the long isoform (BRD4-L). The balance of expression between the two isoforms has been shown to contribute to disease states, where BRD4-S has shown to be oncogenic in a few contexts. BRD4-S is the predominant isoform that binds to modified histones and has a stronger affinity than BRD4-L. BRD4-S also plays a role in DNA damage, where it recruits the condensin II complex to control repair.

**KEYWORDS:** Cancer, DNA damage

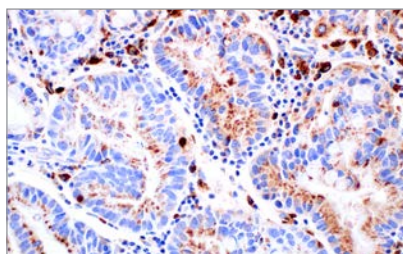


**ChIP:** ChIP were performed with cross-linked chromatin from MV-4-T1 cells and either #20696 or Normal Rabbit IgG #2729, using SimpleChIP® Plus Enzymatic Chromatin IP Kit (Magnetic Beads) #9005. The enriched DNA was quantified by real-time PCR, using human BCL2 promoter primers, SimpleChIP® Human c-Myc Intron 1 Primers #14905, and SimpleChIP® Human α Satellite Repeat Primers #4486. The amount of immunoprecipitated DNA in each sample is represented as signal relative to the total amount of input chromatin, which is equivalent to one.

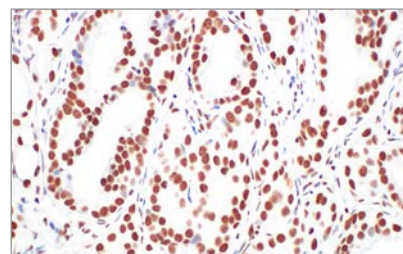




Cadherin-17 (E5J8Z) Rabbit mAb #85724

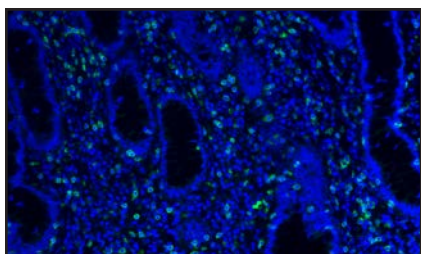


Cathepsin D (E5V4H) Rabbit mAb #74089

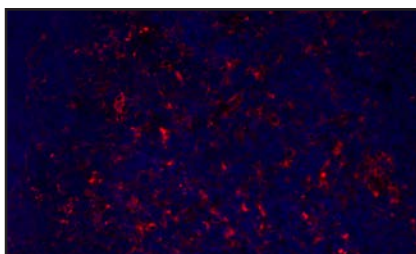


CBX7 (E7N1W) Rabbit mAb #34547

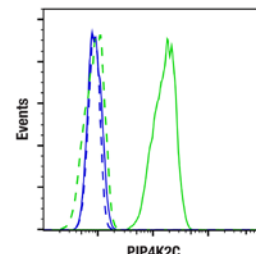
PRODUCT	APPLICATIONS	REACTIVITY
<b>Adhesion/ECM</b>		
<b>85724S</b> Cadherin-17 (E5J8Z) Rabbit mAb		WB, IHC-P
<b>74089S</b> Cathepsin D (E5V4H) Rabbit mAb		WB, IHC-P, IF-F, IF-IC
<b>15956S</b> COL11A1 (E6X3Y) Rabbit mAb (Alexa Fluor® 488 Conjugate)		FC-FP
<b>55400C</b> PathScan® RP Phospho-FAK (Tyr397) Sandwich ELISA Kit		ELISA
<b>26424S</b> MT1-MMP (E3S5S) Rabbit mAb		WB
<b>45547SF</b> uPAR (D7X2N) Rabbit mAb (BSA and Azide Free)		WB, IF-IC
<b>66798SF</b> PODXL (E8OIS) Rabbit mAb (BSA and Azide Free)		WB, IHC-P, IF-IC
<b>19325S</b> STRIP1/FAM40A (E8J6I) Rabbit mAb		WB
<b>Apoptosis</b>		
<b>55302S</b> Cleaved Caspase-3 (Asp175) (D3E9) Rabbit mAb (Alexa Fluor® 700 Conjugate)		FC-FP
<b>17825SF</b> Phospho-MLKL (Ser345) (D6E3G) Rabbit mAb (BSA and Azide Free)		WB, IF-IC
<b>Autophagy</b>		
<b>64055SF</b> GABARAP (E1J4E) Rabbit mAb (BSA and Azide Free)		WB, IF-IC
<b>37737SF</b> GABARAPLI (D5R9Y) XP® Rabbit mAb (BSA and Azide Free)		WB, IF-IC, FC-FP
<b>Cell Cycle / Checkpoint Control</b>		
<b>50799S</b> BRCA1 (E5S9G) Rabbit mAb		WB, IP, IHC-LB, IHC-P, IF-IC
<b>44110SF</b> Ku80 (C48E7) Rabbit mAb (BSA and Azide Free)		WB, IHC-P, IF-IC
<b>74736S</b> Phospho-RRM2 (Thr33) Antibody		WB, IP
<b>38589S</b> STIL (E4U6R) Rabbit mAb		WB
<b>Chromatin Regulation / Nuclear Function</b>		
<b>20696S</b> BRD4 Isoform C (E1Q9N) Rabbit mAb		WB, IP, IF-IC, ChIP
<b>34547S</b> CBX7 (E7N1W) Rabbit mAb		WB, IHC-P, ChIP
<b>81662S</b> CREST (E3P4F) Rabbit mAb		WB, IP, IF-IC, ChIP
<b>48859SF</b> CTCF (D31H2) XP® Rabbit mAb (BSA and Azide Free)		WB, IHC-P, IF-F, IF-IC
<b>Cytoskeletal Signaling</b>		
<b>77895C</b> PathScan® RP Total DRP1 Sandwich ELISA Kit		ELISA
<b>72246SF</b> Filamin A (E8P8M) Rabbit mAb (BSA and Azide Free)		WB, IHC-P, IF-F
<b>57376SF</b> Gelsolin (D9W8Y) Rabbit mAb (BSA and Azide Free)		WB, IHC-P
<b>32538S</b> Vimentin (D21H3) XP® Rabbit mAb (Alexa Fluor® 532 Conjugate)		FC-FP
<b>Developmental Biology</b>		
<b>69914SF</b> CD133 (D4W4N) XP® Rabbit mAb (BSA and Azide Free)		WB, IHC-LB, IHC-P
<b>85650SF</b> FoxP1 (D35D10) XP® Rabbit mAb (BSA and Azide Free)		WB, IHC-P, FC-FP
<b>82314SF</b> GAS6 (D3A3G) Rabbit mAb (BSA and Azide Free)		WB, IHC-P, IF-IC
<b>17635SF</b> Notch2 (D76A6) XP® Rabbit mAb (BSA and Azide Free)		WB, IHC-P, IF-IC, FC-FP
<b>78954SF</b> OCA-T1 (E4T1K) Rabbit mAb (BSA and Azide Free)		WB, IHC-P
<b>58677SF</b> Pax6 (D3A9V) XP® Rabbit mAb (BSA and Azide Free)		WB, IHC-P, IF-IC
<b>36560S</b> Sox2 (D9B8N) Rabbit mAb (Alexa Fluor® 488 Conjugate)		IF-F, IF-IC, FC-FP
<b>34348S</b> Sox2 (D9B8N) Rabbit mAb (Pacific Blue™ Conjugate)		FC-FP
<b>70838SF</b> SPARC (D10F10) Rabbit mAb (BSA and Azide Free)		WB, IHC-P
<b>95633SF</b> TEAD1 (D9X2L) Rabbit mAb (BSA and Azide Free)		WB, IHC-P, IF-IC



CD8α (D8A8Y) Rabbit mAb (Alexa Fluor® 488 Conjugate) #99924

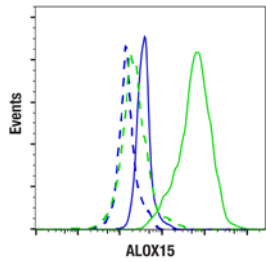


PD-L1 (D5V3B) Rabbit mAb (Alexa Fluor® 555 Conjugate) #76478

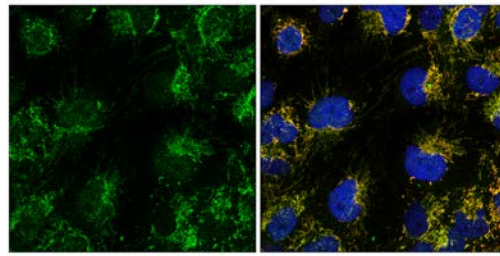


PIP4K2C (E7P3S) Rabbit mAb #61407

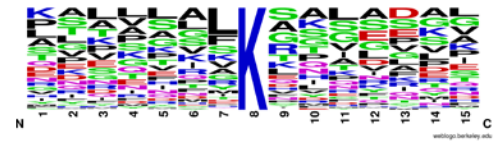
PRODUCT	APPLICATIONS	REACTIVITY
<b>Immunology and Inflammation</b>		
68711SF	BATF3 (E3F3L) Rabbit mAb (BSA and Azide Free)	WB, IHC-P
86936S	CD3ε (D7A6E™) XP® Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P
57869S	CD3ε (D7A6E™) XP® Rabbit mAb (Alexa Fluor® 555 Conjugate)	IHC-P
10084S	CD5 (E6N9S) Rabbit mAb	WB, IHC-P
99924S	CD8α (D8A8Y) Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P
51435SF	CTLA-4 (E5S7E) Rabbit mAb (BSA and Azide Free)	IF-F
59938S	CXCR4 (E9G2E) Rabbit mAb (Alexa Fluor® 488 Conjugate)	FC-L
20523SF	Eosinophil cationic protein (E6U5M) Rabbit mAb (BSA and Azide Free)	WB, IHC-P
27456S	FoxP3 (D6O8R) Rabbit mAb (Alexa Fluor® 555 Conjugate)	IF-F
76229S	GILT (E3P1D) Rabbit mAb	WB
51886S	Granzyme F (E2U7L) Rabbit mAb	WB, IF-F, FC-FP
18915S	HLA-DRA (E9R2Q) XP® Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P
29203S	HLA-DRA (E9R2Q) XP® Rabbit mAb (Alexa Fluor® 555 Conjugate)	IHC-P
49314SF	IgM (E8M1B) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P
55751S	IgM (E9U8J) XP® Rabbit mAb (Biotinylated)	WB
90321S	Ikaros (D6N9Y) Rabbit mAb (Alexa Fluor® 555 Conjugate)	FC-FP
24787S	Ikaros (D6N9Y) Rabbit mAb (Alexa Fluor® 750 Conjugate)	FC-FP
60012S	Ikaros (D6N9Y) Rabbit mAb (Pacific Blue™ Conjugate)	FC-FP
33484SF	IL-18 (E3G8R) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, FC-FP
50546S	LRRC15 (E4X8J) Rabbit mAb	WB
99900SF	LYVE-1 (E3L3V) Rabbit mAb (BSA and Azide Free)	WB, IF-F
77137SF	β2-microglobulin (E8G2O) Rabbit mAb (BSA and Azide Free)	WB, IF-F, IF-IC, FC-FP
61179S	NLRP10 (E5X5A) Rabbit mAb	WB, IP
20490S	PD-L1 (D5V3B) Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P
76478S	PD-L1 (D5V3B) Rabbit mAb (Alexa Fluor® 555 Conjugate)	IHC-P
33275S	PD-L1 (D5V3B) Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P
65090S	Perforin (IHC646) Mouse mAb	IHC-P
61407S	PIP4K2C (E7P3S) Rabbit mAb	WB, IP, IF-F, IF-IC, FC-FP
83382C	PathScan® RP Phospho-Stat2 (Tyr690) Sandwich ELISA Kit	ELISA
75183C	PathScan® RP Total Stat5 Sandwich ELISA Kit	ELISA
36939C	PathScan® RP Phospho-Stat5a (Tyr694) Sandwich ELISA Kit	ELISA
24775S	Phospho-Stat6 (Tyr641) (D8S9Y) Rabbit mAb (Alexa Fluor® 700 Conjugate)	FC-FP
52985S	RANK (E2N2Y) Rabbit mAb	WB, IP, IF-IC, FC-FP
95116S	TIPE2 (E5Q2S) Rabbit mAb (Alexa Fluor® 488 Conjugate)	FC-FP
19217S	UBASH3B (E1A8Y) Rabbit mAb	WB
<b>MAP Kinase Signaling</b>		
54488S	MEKK2 (E6C2G) Rabbit mAb	WB, IP
<b>Metabolism</b>		
82129S	ALOX15 (E5D1C) Rabbit mAb	WB, FC-FP
81128SF	Asparagine Synthetase (E6C2C) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P, FC-FP



ALOX15 (E5D1C) Rabbit mAb #82129

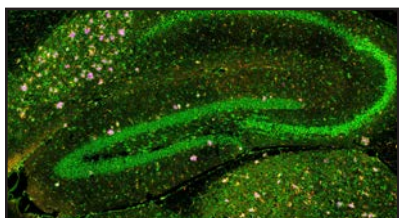


TIM23 (E1Q7L) Rabbit mAb #34822

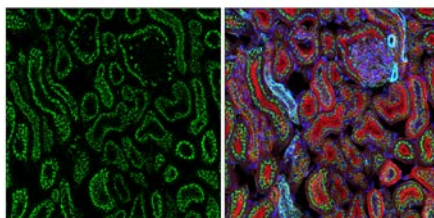


PTMScan® Mono-Methyl Lysine Motif (mme-K) Kit #16892

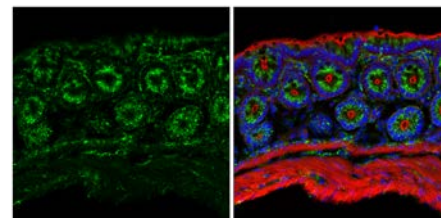
PRODUCT	APPLICATIONS	REACTIVITY
<b>Metabolism (cont.)</b>		
46943SF C/EBPα (D56F10) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H, M, (R)
66058SF Fatty Acid Synthase (C20G5) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H, M, R, (B)
16473S Gephyrin (E8T6V) Rabbit mAb	WB	H, M, R
20752SF OLR1/LOX1 (E9C5A) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H
58258S PSPH (E1D2X) Rabbit mAb	WB	H, M, R
50340S PYGB (E3W5W) Rabbit mAb	WB, IP	H, M, R, Mk
42103S PYGL (E4O1P) Rabbit mAb	WB, IP	H, M
34822S TIM23 (E1Q7L) Rabbit mAb	WB, IF-IC	H, M, R
60786SF UCP1 (E9Z2V) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-F	M, R, (H)
<b>Motif Antibodies</b>		
16892S PTMScan® Mono-Methyl Lysine Motif (mme-K) Kit	PTMScan	-
<b>Neuroscience</b>		
26485SF AMPA Receptor 4 (GluA 4) (D41A11) XP® Rabbit mAb (BSA and Azide Free)	WB, IF-F	H, M, R
82095SF β-Amyloid (1-42) (E6D5M) Rabbit mAb (BSA and Azide Free)	IHC-P, IF-F	H
24138S Bassoon (D63B6) Rabbit mAb (Alexa Fluor® 647 Conjugate)	IF-F	M, R, (H)
60239S CK1ε (E6K9V) Rabbit mAb	WB	H, M, R
29663S FE65 (E4Y6C) Rabbit mAb	WB	H, M, R
62953S NeuroD1 (E3E4F) Rabbit mAb	WB, IP, IF-F, IF-IC	H, M, R
89529S Nestin (E5C7I) Rabbit mAb	WB, IHC-P, IF-F	M, R
90605S NGF (E7O4E) Rabbit mAb	WB, IP	M
62960S Parkin (E6B1P) Mouse mAb	WB	H, M, R
61381T PICALM Signaling Antibody Sampler Kit	-	-
33611S α-Synuclein (E4U2F) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate)	IF-F	H, M, R
79161SF α/β-Synuclein (Syn205) Mouse mAb (BSA and Azide Free)	WB, IHC-P, IF-F	H, M, R
92574S TRIM46 (E4X9J) Rabbit mAb	WB	H, M, R
47181S VGLUT1 (E8L5B) Rabbit mAb	WB, IHC-P, IF-F	H, M, R
<b>PI3K / Akt Signaling</b>		
47059S Akt (pan) (11E7) Rabbit mAb (Alexa Fluor® 488 Conjugate)	FC-FP	H, M, R, Mk
36292S Akt (pan) (11E7) Rabbit mAb (Alexa Fluor® 647 Conjugate)	FC-FP	H, M, R, Mk
80556S Phospho-Akt (Thr308) (D25E6) XP® Rabbit mAb (Pacific Blue™ Conjugate)	FC-FP	H, M, R, Mk
<b>Protein Folding and Trafficking</b>		
94838S FKBP1A/FKBP12 (E8H7Y) Rabbit mAb	WB	H, M, R
70767S GM130 (E9Z6S) Rabbit mAb	WB, IF-F, IF-IC	M, R
16142S HSP20 (E9Z1O) Rabbit mAb	WB, IP, IF-F, IF-IC	H, M, R
43069S Intersectin-2 (E5J9F) Rabbit mAb	WB, IP	H, M, R
34141S LAMP2 (E6A6S) Rabbit mAb	WB, IF-F, IF-IC	M
80797SF PDI (C81H6) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H, M, R, Mk
94213S Rab9A (E213T) Mouse mAb	WB	H, M, R, Mk
<b>RTK</b>		
71991S DDR2 (E5S1S) Rabbit mAb	WB, IP	H, M, R



PICALM Signaling Antibody Sampler Kit #61381



GM130 (E9Z6S) Rabbit mAb #70767



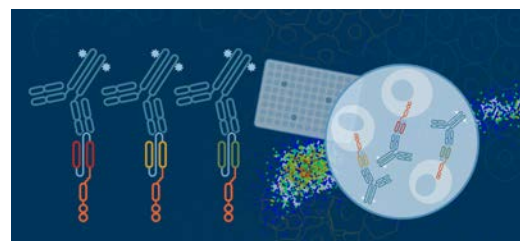
LAMP2 (E6A6S) Rabbit mAb #34141

PRODUCT	APPLICATIONS	REACTIVITY
<b>Translational Control</b>		
<b>90782S</b> CPEB4 (E7X2G) Rabbit mAb	WB, IP	H, M, R, Mk
<b>Ubiquitin and Ubiquitin-like proteins</b>		
<b>46351SF</b> CRBN (D8H3S) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M, R
<b>95000SF</b> Skp2 (D3G5) XP <sup>®</sup> Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H, Mk
<b>Related Products</b>		
<b>33542S</b> 3X DYKDDDDK Tag (E2T2) Mouse mAb (Binds to same epitope as Sigma's Anti-FLAG M2 Antibody)	WB, IP, IF-IC	All
<b>18112S</b> Cas9 (S. pyogenes) (E7M1H) XP <sup>®</sup> Rabbit mAb (Alexa Fluor <sup>®</sup> 488 Conjugate)	FC-FP	All
<b>79989S</b> His-Tag (D3I1O) XP <sup>®</sup> Rabbit mAb (Alexa Fluor <sup>®</sup> 700 Conjugate)	FC-FP	All
<b>96334S</b> His-Tag (D3I1O) XP <sup>®</sup> Rabbit mAb (Magnetic Bead Conjugate)	IP	All
<b>51875S</b> Myc-Tag (71D10) Rabbit mAb (Pacific Blue <sup>™</sup> Conjugate)	FC-FP	All
<b>58730SF</b> Myc-Tag (9B11) Mouse mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	All

## First-to-Market CAR Detection Reagents for CAR-T Research: Anti-CAR Linker mAbs

**CST<sup>®</sup> anti-CAR linker antibodies won The Innovation Award from CiteAb in 2023.**

First-to-market anti-CAR linker antibodies can be a versatile detection reagent that could identify and confirm the presence of your CAR, regardless of its antigen specificity. View below for a full list of products.



PRODUCT	APPLICATIONS	REACTIVITY
<b>Immunology and Inflammation</b>		
<b>71645S</b> G4S Linker (E7O2V) Rabbit mAb	FC-L	All
<b>63670S</b> G4S Linker (E7O2V) Rabbit mAb (BSA and Azide Free)	FC-L	All
<b>50515S</b> G4S Linker (E7O2V) Rabbit mAb (Alexa Fluor <sup>®</sup> 488 Conjugate)	FC-L	All
<b>90841S</b> G4S Linker (E7O2V) Rabbit mAb (Alexa Fluor <sup>®</sup> 532 Conjugate)	FC-L	All
<b>18862S</b> G4S Linker (E7O2V) Rabbit mAb (Alexa Fluor <sup>®</sup> 555 Conjugate)	FC-L	All
<b>39614S</b> G4S Linker (E7O2V) Rabbit mAb (Alexa Fluor <sup>®</sup> 594 Conjugate)	FC-L	All
<b>69782S</b> G4S Linker (E7O2V) Rabbit mAb (Alexa Fluor <sup>®</sup> 647 Conjugate)	FC-L	All
<b>40107S</b> G4S Linker (E7O2V) Rabbit mAb (Alexa Fluor <sup>®</sup> 700 Conjugate)	FC-L	All
<b>17621S</b> G4S Linker (E7O2V) Rabbit mAb (Biotinylated)	FC-L	All
<b>38907S</b> G4S Linker (E7O2V) Rabbit mAb (PE Conjugate)	FC-L	All
<b>57710S</b> Whitlow/218 Linker (E3U7Q) Rabbit mAb	FC-L	All
<b>66159S</b> Whitlow/218 Linker (E3U7Q) Rabbit mAb (BSA and Azide Free)	FC-L	All
<b>55809S</b> Whitlow/218 Linker (E3U7Q) Rabbit mAb (Alexa Fluor <sup>®</sup> 488 Conjugate)	FC-L	All
<b>25186S</b> Whitlow/218 Linker (E3U7Q) Rabbit mAb (Alexa Fluor <sup>®</sup> 532 Conjugate)	FC-L	All
<b>85651S</b> Whitlow/218 Linker (E3U7Q) Rabbit mAb (Alexa Fluor <sup>®</sup> 555 Conjugate)	FC-L	All
<b>61465S</b> Whitlow/218 Linker (E3U7Q) Rabbit mAb (Alexa Fluor <sup>®</sup> 594 Conjugate)	FC-L	All
<b>69310S</b> Whitlow/218 Linker (E3U7Q) Rabbit mAb (Alexa Fluor <sup>®</sup> 647 Conjugate)	FC-L	All
<b>72160S</b> Whitlow/218 Linker (E3U7Q) Rabbit mAb (Alexa Fluor <sup>®</sup> 700 Conjugate)	FC-L	All
<b>32523S</b> Whitlow/218 Linker (E3U7Q) Rabbit mAb (Biotinylated)	FC-L	All
<b>62405S</b> Whitlow/218 Linker (E3U7Q) Rabbit mAb (PE Conjugate)	FC-L	All

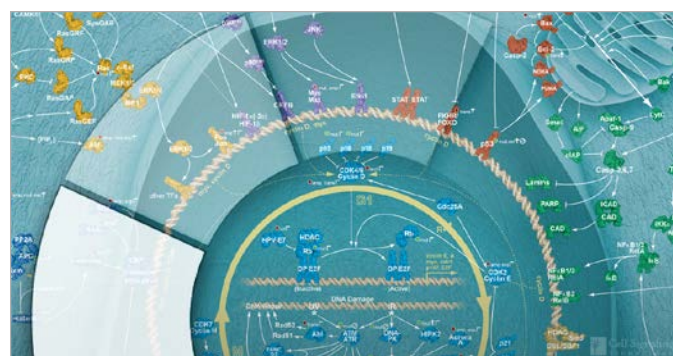
# What's New at CST



## Parkinson's Disease Resources

CST has partnered with The Michael J. Fox Foundation for Parkinson's Research (MJFF). Visit the new Parkinson's Disease Resource Center to learn more about our partnership with MJFF and explore scientific resources and the latest antibody tools to drive your PD research forward.

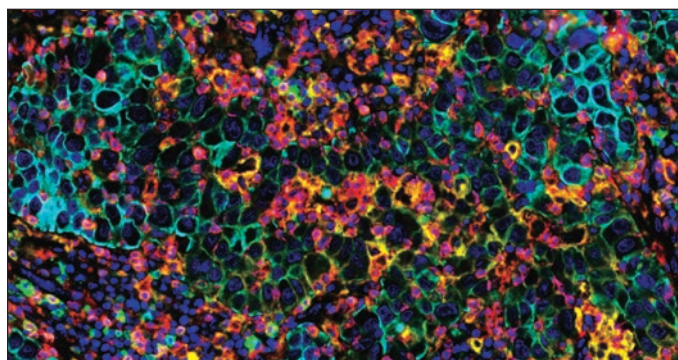
[cst-science.com/Q3-2023-info1](https://cst-science.com/Q3-2023-info1)



## eBook: The Hallmarks of Cancer Research Targets

This eBook focuses on the seminal contribution made by Dr. Robert Weinberg and Dr. Douglas Hanahan on "The Hallmarks of Cancer," breaking down the complexity of cancer into ten underlying principles and including key research targets.

[cst-science.com/Q3-2023-info2](https://cst-science.com/Q3-2023-info2)



## Solutions for Oncology Therapeutic Discovery

Accelerate drug discovery and development with solutions aligned to your workflows, platforms and technologies, and oncology research. This resource page provides information on targets that could lead to new and more efficacious therapies.

[cst-science.com/Q3-2023-info3](https://cst-science.com/Q3-2023-info3)



## Targeting Proteomics for Drug Development

This webinar will provide an overview of how mass spectrometry-based proteomics can be used for drug discovery and development.

[cst-science.com/Q3-2023-info4](https://cst-science.com/Q3-2023-info4)

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