New Products

JULY 2023

EuroClone®

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

HOT PRODUCTS

Clusterin (E2O1D) Rabbit mAb #23159

Molecular chaperone

Clusterin functions as a secreted chaperone protein that interacts with and stabilizes stress-induced proteins to prevent their precipitation. Research studies show that clusterin plays a protective role in Alzheimer's disease by sequestering amyloid β(1-40) peptides to form long-lived, stable complexes, which prevents amyloid fibril formation.

In addition to the secreted protein, several intracellular isoforms are localized to the nucleus, mitochondria, cytoplasm, and ER. The subcellular distribution of these multiple isoforms leads to the diversity of clusterin functions. Additional studies report that clusterin is involved in membrane recycling, cell adhesion, cell proliferation, apoptosis, and tumor survival.

**KEYWORDS: Molecular chaperones, Alzheimer's disease**
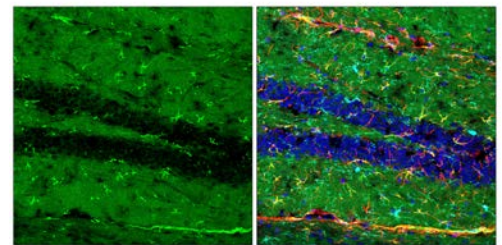
IF-F: Confocal IF analysis of fixed frozen mouse hippocampus labeled with #23159 (left, green). Free secondary binding sites were then blocked with Rabbit (DA1E) mAb IgG XP® Isotype Control #3900 prior to co-labeling with GFAP (GA5) Mouse mAb (Alexa Fluor® 647 Conjugate) #3657 (right, red), Iba1/AIF-1 (E4O4W) XP® Rabbit mAb (Alexa Fluor® 555 Conjugate) #36618 (right, cyan pseudocolor), and ProLong Gold Antifade Reagent with DAPI #8961 (right, blue).

BCL2L13 (E6G1Q) Rabbit mAb #61974

Regulates apoptosis and mitophagy

BCL2L13 (Bcl-2-like protein 13, Bcl-rambo) is an atypical member of the Bcl-2 family of proteins that regulate apoptosis at the mitochondria. BCL2L13 may regulate apoptosis in a cellular context manner. Interaction with the adenine nucleotide translocator (ANT) suppresses the ADP/ATP-dependent translocation activity of ANT. Other studies have found that BCL2L13 can inhibit apoptosis in glioblastoma and tumor growth. These studies found that BCL2L13 binds to pro-apoptotic CerS2 and CerS6 and blocks homo- and heteromeric CerS2/6 complex formation and activity.

Studies have also found that BCL2L13 can regulate mitochondrial fragmentation and can bind to LC3 to facilitate the clearance of damaged mitochondria through mitophagy.
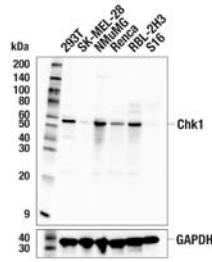
KEYWORDS: Apoptosis, Mitophagy, Cell death
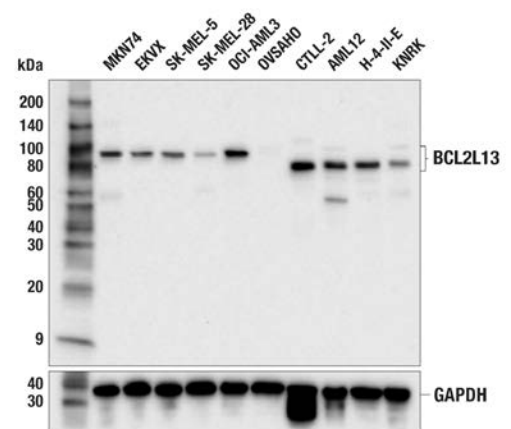
WB: WB analysis of extracts from various cell lines using #61974 (upper) or GAPDH (D16H11) XP® Rabbit mAb #5174 (lower). Negative expression of BCL2L13 protein in OVSAHO cells is consistent with the predicted expression pattern.
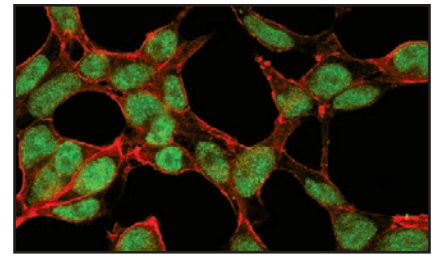
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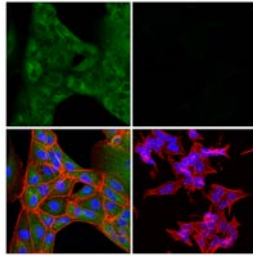
Apoptosis/Necroptosis Antibody Sampler Kit II #73966


Chk1 (E9M4D) Rabbit mAb #37010


Mismatch DNA Repair (MMR) Antibody Sampler Kit #89884

PRODUCT		APPLICATIONS	REACTIVITY
Adhesion/ECM			
61408S	DPP4/CD26 (E2V5I) Rabbit mAb	WB	M, R
53884S	LAMC2 (E9F7M) Rabbit mAb	WB	H
47449S	MMP-9 (E3D1W) Rabbit mAb	WB	H
67950C	PathScan® RP Total FAK Sandwich ELISA Kit	ELISA	H, M
86460S	TUFT1 (E9M2U) Rabbit mAb	WB	H
Apoptosis			
73966T	Apoptosis/Necroptosis Antibody Sampler Kit II	-	-
61974S	BCL2L13 (E6G1Q) Rabbit mAb	WB, IP	H, M, R
16046S	Cleaved Caspase-6 (Asp179) (E8L9T) Rabbit mAb	WB	H
26776T	Gasdermin Family Antibody Sampler Kit	-	-
Ca, cAMP and Lipid Signaling			
87716SF	Calretinin (E7R6O) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-F, IF-IC	H, M, R
Cell Cycle / Checkpoint Control			
85785S	Anillin (E9L6E) Rabbit mAb	WB	H
37010S	Chk1 (E9M4D) Rabbit mAb	WB	H, M, R
58268SF	DNA-PKcs (E6U3A) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H
63273S	Ki-67 (D2H10) Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P	H
88338S	Ki-67 (D2H10) Rabbit mAb (Alexa Fluor® 555 Conjugate)	IHC-P	H
89884T	Mismatch DNA Repair (MMR) Antibody Sampler Kit	-	-
37698SF	MSH2 (D24B5) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H, M
86714S	XRCC2 (E7M8Y) Rabbit mAb	WB, IP	H
Chromatin Regulation / Nuclear Function			
62935S	BAF Antibody	WB	H, M, R, Mk
93589T	BAF Complex IHC Antibody Sampler Kit	-	-
68280S	DGCR8 (E9O3L) Rabbit mAb	WB, IP, ChIP	H, M, R, Mk
40653S	PHF6 (E8F2L) Rabbit mAb	WB, IP, ChIP	H, M, R, Mk
37315S	RBM9 (E7W6U) Rabbit mAb	WB, IP	H, Mk
27106C	PathScan® RP BRD9 Sandwich ELISA Kit	ELISA	H
20055S	SET1B (E7D1G) Rabbit mAb	WB, IP, ChIP	H
Cytoskeletal Signaling			
44873S	Filamin A (E8P8M) Rabbit mAb	WB, IHC-P, IF-F	H, M, R, Mk
Developmental Biology			
33699SF	HES1 (D6P2U) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M, R, Mk
32253SF	NKX3.1 (D6D2Z) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H
61048S	TACE (E8R8M) Rabbit mAb	WB, IP	H, M, R
Immunology and Inflammation			
63178S	CD3ε (D7A6E™) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	H
47434S	CD3ζ (E8R1Q) Rabbit mAb	WB, IP	H
37217S	CD6 (E9Q1V) Rabbit mAb	WB, IHC-P	M
77909S	CD8α (D8A8Y) Rabbit mAb (Alexa Fluor® 555 Conjugate)	IHC-P	H, Mk

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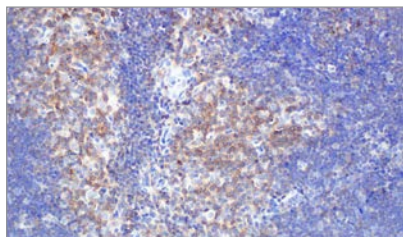
CD6 (E9Q1V) Rabbit mAb #37217
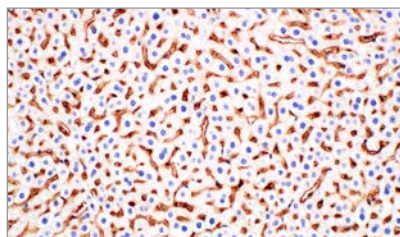
CD47 (E2V9V) Rabbit mAb #36096
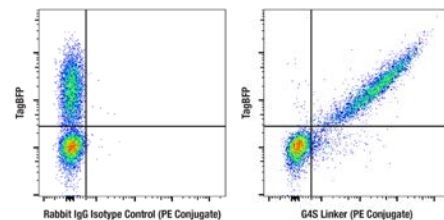
G4S Linker (E7O2V) Rabbit mAb (PE Conjugate) #38907

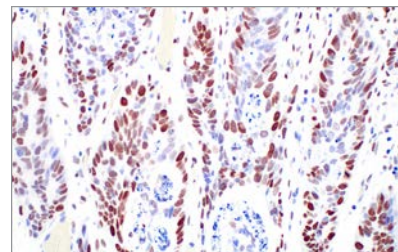|	PRODUCT	APPLICATIONS	REACTIVITY
Immunology and Inflammation *(cont.)*			
48893S	CD11b/ITGAM (E3J2F) Rabbit mAb	WB, IHC-P, IF-IC	H
37940S	CD11b/ITGAM (D6X1N) Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P	H
19246S	CD11b/ITGAM (D6X1N) Rabbit mAb (Alexa Fluor® 555 Conjugate)	IHC-P	H
79750S	CD11b/ITGAM (D6X1N) Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	H, Mk
95103S	CD11c (D3V1E) XP® Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P	H
77882S	CD11c (D3V1E) XP® Rabbit mAb (Alexa Fluor® 555 Conjugate)	IHC-P	H
42756S	CD11c (D3V1E) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	H
86076S	CD45 (Intracellular Domain) (D9M8I) XP® Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P	H, Mk
19744S	CD45 (D9M8I) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	H
36096S	CD47 (E2V9V) Rabbit mAb	WB, IHC-P	M
58225S	CD62L/L-Selectin (E7X9I) Rabbit mAb	WB, IHC-P	H
76220S	CD206/MRC1 (E6T5J) XP® Rabbit mAb (Alexa Fluor® 555 Conjugate)	IHC-P, IF-F	H, M, R
43920S	CD206/MRC1 (E6T5J) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P, IF-F	H, M, R
98492SF	FcRγ (E6Y1A) Rabbit mAb (BSA and Azide Free)	WB, IHC-LB, IHC-P, IF-F, IF-IC	H, M
33461SF	FcRn (E9J8W) Rabbit mAb (BSA and Azide Free)	WB, IHC-LB, IHC-P	H
38915SF	Fibrinogen gamma chain (E1U3Z) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-LB, IHC-P	H
71645L	G4S Linker (E7O2V) Rabbit mAb	FC-L	All
71645T			
50515L	G4S Linker (E7O2V) Rabbit mAb (Alexa Fluor® 488 Conjugate)	FC-L	All
69782L	G4S Linker (E7O2V) Rabbit mAb (Alexa Fluor® 647 Conjugate)	FC-L	All
38907L	G4S Linker (E7O2V) Rabbit mAb (PE Conjugate)	FC-L	All
88084SF	Galectin-1/LGALS1 (8A12) Mouse mAb (BSA and Azide Free)	WB, IHC-P	H
40019SF	GNLY (E2T3D) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H
29268S	Granzyme B (D6E9W) Rabbit mAb (Alexa Fluor® 555 Conjugate)	IHC-P	H, M
71535S	Granzyme B (D6E9W) Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	H, M, Mk
16483L	Ibrutinib	-	-
81361S	IL-6Rα/CD126 (E5B3P) Rabbit mAb (Alexa Fluor® 488 Conjugate)	FC-L	H
98797S	IL-6Rα/CD126 (E5B3P) Rabbit mAb (Alexa Fluor® 647 Conjugate)	FC-L	H
67459S	Lysozyme C (E9W6E) Rabbit mAb	WB, IHC-P	H
44238S	MHC Class I (EMR8-5) Mouse mAb (Alexa Fluor® 488 Conjugate)	FC-FP	H
57549S	MHC Class I (EMR8-5) Mouse mAb (Alexa Fluor® 555 Conjugate)	FC-FP	H
69717S	MHC Class I (EMR8-5) Mouse mAb (Alexa Fluor® 647 Conjugate)	FC-FP	H
36845S	OASL (E7W1R) Rabbit mAb	WB	H
76700S	SAMHD1 (E8V1G) Rabbit mAb	WB, IP, FC-FP	H
20407S	SerpinB1 (E4W7B) Rabbit mAb	WB, IHC-P	H
24201S	SIT Antibody	WB	H
40284SF	Phospho-Stat5 (Tyr694) (C71E5) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H, M, (R, B)
42383S	TAPBPR (E5P1F) Rabbit mAb	WB	H
84382S	TMPRSS4 (E5F4W) Rabbit mAb	WB	H
51468S	TRAT1 (E3L8A) Rabbit mAb	WB, IP	H

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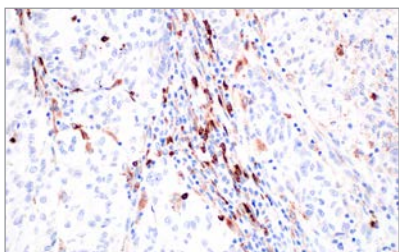
Lysozyme C (E9W6E) Rabbit mAb #67459
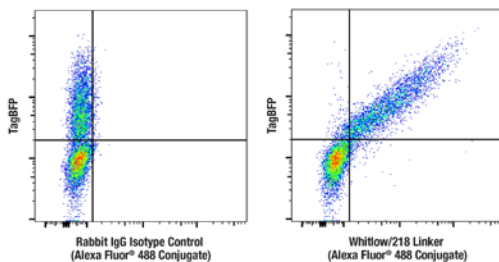
Whitlow/218 Linker (E3U7Q) Rabbit mAb (Alexa Fluor® 488 Conjugate) #55809

c-Fos (E2I7R) XP® Rabbit mAb (BSA and Azide Free) #61396

	PRODUCT	APPLICATIONS	REACTIVITY
Metabolism *(cont.)*			
65619S	TOM70 (E7E1M) Rabbit mAb	WB, IF-F, IF-IC	H, M, R
42477S	UQCRFS1/RISP (E6Q7L) Rabbit mAb	WB, IP	H, M, R
Motif Antibodies			
87654S	PTMScan® HS Pilot Mono-Methyl Arginine Motif (mme-RG) Kit	–	–
71147S	PTMScan® HS Pilot Asymmetric Di-Methyl Arginine Motif (adme-R) Kit	–	–
36445S	PTMScan® HS Pilot Symmetric Di-Methyl Arginine Motif (sdme-RG) Kit	–	–
Neuroscience			
40619S	Doublecortin (E3S7L) Rabbit mAb	WB, IHC-P	H, M, R
54070SF	EGR1 (44D5) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, M, R, (B)
30817S	GAP43 (E1U1D) Mouse mAb	WB, IF-F, IF-IC	H, M, R
41653S	GAP43 (E6L2W) Mouse mAb	WB, IF-F, IF-IC	H, M, R
96166S	GDNF (E5Y9N) Rabbit mAb	WB, IP	H, M
45946SF	GFAP (E4L7M) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-LB, IHC-P, IF-F	H, M, R, Mk
20218S	GluD2/GRID2 (E4I9V) Rabbit mAb	WB	H, M, R
26423SF	Iba1/AIF-1 (E5N4J) Mouse mAb (BSA and Azide Free)	IHC-LB, IHC-P	H, Mk
73262SF	Nestin (E4O9E) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H
79482S	PILRA (E6H7K) Rabbit mAb	WB, IF-F, IF-IC, FC-FP, FC-L	M
30683SF	S100B (E9F2I) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M, R
67605S	Phospho-Synapsin-1 (Ser9) (E3D2X) Rabbit mAb	WB, IP, IF-F	H, M, R
99220S	Phospho-Tau (Ser413) (E4Y6M) Rabbit mAb	WB, IP	H, M, R
32644S	TRIM9 (E5P3R) Rabbit mAb	WB, IP	H, M, R
74597SF	β3-Tubulin (D71G9) XP® Rabbit mAb (BSA and Azide Free)	WB, IF-F, IF-IC	H, M, R
Nuclear Receptor Signaling			
89954S	Estrogen Receptor β (E2K7F) Rabbit mAb	WB	H
Protein Folding and Trafficking			
55528S	ACE2 (E1E1I) Mouse mAb (Alexa Fluor® 488 Conjugate)	FC-L	H, M
57551S	FKBP10 (E8M4E) Rabbit mAb	WB	H
RTK			
53177SF	EGF Receptor (E746-A750del Specific) (D6B6) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-P, IF-IC, FC-FP	H
83546SF	FGF Receptor 2 (D4L2V) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP, FC-L	H, M
73367SF	Phospho-HER3/ErbB3 (Tyr1289) (21D3) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M, (R, Dg)
48392SF	PDGF Receptor β (C82A3) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M, R
Translational Control			
29483T	Argonaute Antibody Sampler Kit	–	–
84348S	DIS3 (E5I1Y) Rabbit mAb	WB, IP	H, Mk
51406SF	TFEB (D2O7D) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H
Ubiquitin and Ubiquitin-like proteins			
89771S	ISG15 (E5B3U) Rabbit mAb	WB	M

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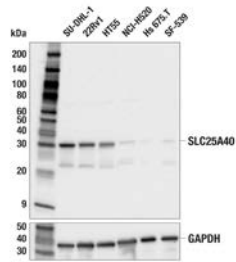
SLC25A40 (E9C7Y) Rabbit mAb #38244
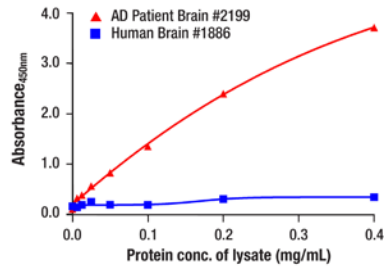
PathScan® Tau (GT-38) Sandwich ELISA Kit #44712
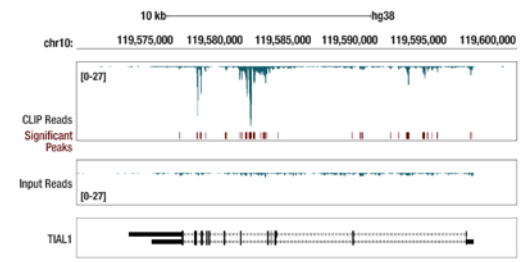
Stress Granule Marker Antibody Sampler Kit #29530

PRODUCT	APPLICATIONS	REACTIVITY
Translational Control		
39489S eIF3B Antibody	WB	H, M, R, Mk
29530T Stress Granule Marker Antibody Sampler Kit	–	–
Ubiquitin and Ubiquitin-like proteins		
88503S Phospho-Ubiquitin (Ser65) (E2J6T) Rabbit mAb (Biotinylated)	WB	H, (M, R)

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

CST® 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. The antibodies are available in a variety of conjugates and can also be custom-conjugated using our custom conjugation services. View below for a full list of products.
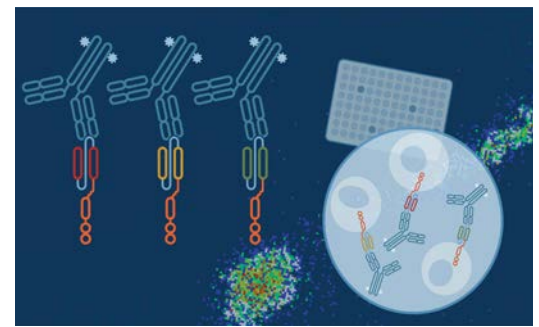
PRODUCT	APPLICATIONS	REACTIVITY
Immunology and Inflammation		
18839S CAR-T Cell (G4S Linker) Transduction Efficiency Flow Cytometry Panel	FC-L	H
35139S CAR-T Cell (Whitlow/218 Linker) Transduction Efficiency Flow Cytometry Panel	FC-L	H
71645S G4S Linker (E7O2V) Rabbit mAb	FC-L	All
63670S G4S Linker (E7O2V) Rabbit mAb (BSA and Azide Free)	FC-L	All
50515S G4S Linker (E7O2V) Rabbit mAb (Alexa Fluor® 488 Conjugate)	FC-L	All
90841S G4S Linker (E7O2V) Rabbit mAb (Alexa Fluor® 532 Conjugate)	FC-L	All
18862S G4S Linker (E7O2V) Rabbit mAb (Alexa Fluor® 555 Conjugate)	FC-L	All
39614S G4S Linker (E7O2V) Rabbit mAb (Alexa Fluor® 594 Conjugate)	FC-L	All
69782S G4S Linker (E7O2V) Rabbit mAb (Alexa Fluor® 647 Conjugate)	FC-L	All
40107S G4S Linker (E7O2V) Rabbit mAb (Alexa Fluor® 700 Conjugate)	FC-L	All
17621S G4S Linker (E7O2V) Rabbit mAb (Biotinylated)	FC-L	All
38907S G4S Linker (E7O2V) Rabbit mAb (PE Conjugate)	FC-L	All
57710S Whitlow/218 Linker (E3U7Q) Rabbit mAb	FC-L	All
66159S Whitlow/218 Linker (E3U7Q) Rabbit mAb (BSA and Azide Free)	FC-L	All
55809S Whitlow/218 Linker (E3U7Q) Rabbit mAb (Alexa Fluor® 488 Conjugate)	FC-L	All
25186S Whitlow/218 Linker (E3U7Q) Rabbit mAb (Alexa Fluor® 532 Conjugate)	FC-L	All
85651S Whitlow/218 Linker (E3U7Q) Rabbit mAb (Alexa Fluor® 555 Conjugate)	FC-L	All
61465S Whitlow/218 Linker (E3U7Q) Rabbit mAb (Alexa Fluor® 594 Conjugate)	FC-L	All
69310S Whitlow/218 Linker (E3U7Q) Rabbit mAb (Alexa Fluor® 647 Conjugate)	FC-L	All
72160S Whitlow/218 Linker (E3U7Q) Rabbit mAb (Alexa Fluor® 700 Conjugate)	FC-L	All
32523S Whitlow/218 Linker (E3U7Q) Rabbit mAb (Biotinylated)	FC-L	All
62405S Whitlow/218 Linker (E3U7Q) Rabbit mAb (PE Conjugate)	FC-L	All

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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.
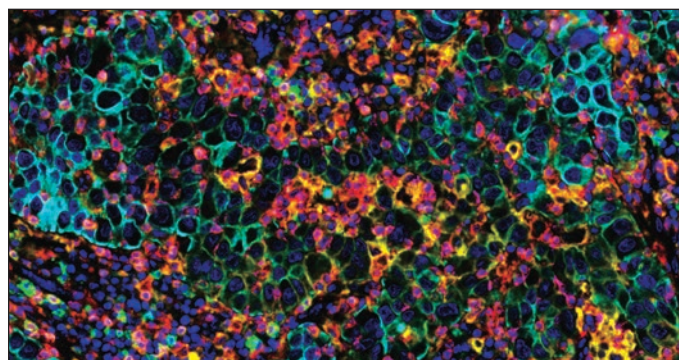
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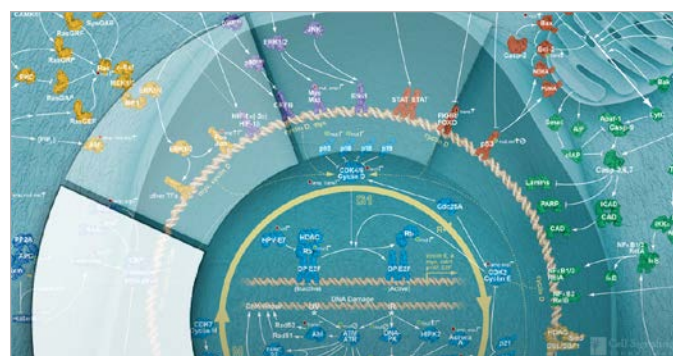
eBook: The Hallmarks of Cancer Research Targets

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

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

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.

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