



New Products

JANUARY 2024

EuroElone®

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

HOT PRODUCTS

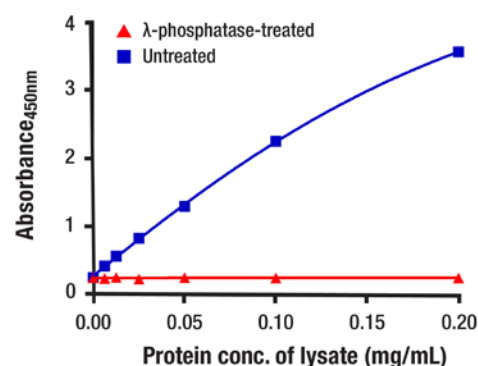
Matched Antibody Pairs

Develop CST® Quality Immunoassays

Platforms like MSD, Quanterix, and AlphaLISA have emerged as a way to detect and quantify biomarkers. To use them, you need antibodies you can depend on. CST® Matched Antibody Pairs are here to help—validated by sandwich ELISA, but adaptable to the immunoassay of your choice.

- Two conjugation-ready antibodies with non-overlapping epitopes
- Rigorously validated for specificity, sensitivity, and performance
- Ready-to-ship trial sizes at high concentrations

KEYWORDS: ELISA platform technologies, assay development, conjugation-ready antibodies



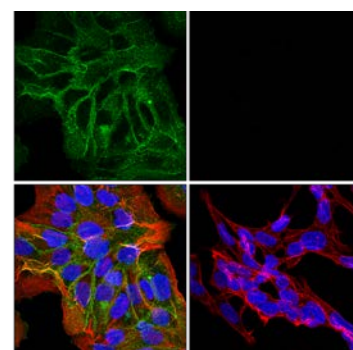
Data using Phospho-YAP (Ser127) Matched Antibody Pair #52683 are shown. The two antibodies function as a capture-target-detection sandwich (#53921 and #92367, respectively) to detect endogenous protein expression in positive and negative controls.

Syndecan 1 (E7S6T) Rabbit mAb #52953

Plasma cell differentiation-specific markers of blood diseases

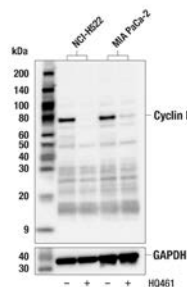
Syndecan 1 (SDC1) is a specific marker for plasmacytic differentiation in hematologic disorders. This cell surface proteoglycan is also expressed in normal epithelial cells and tissues as well as various types of cancer tissues. The extracellular shed form of syndecan 1 remains soluble or accumulates in the extracellular matrix, where it binds growth factors, cytokines, and other extracellular matrix proteins. This binding activates signaling of bound growth factors or cytokines, which results in enhanced tumor growth, dissemination, angiogenesis, and osteolysis. As a result, the level of syndecan 1 protein and its shed form may serve as prognostic factors for a list of malignancies.

KEYWORDS: vascular disease, cancer

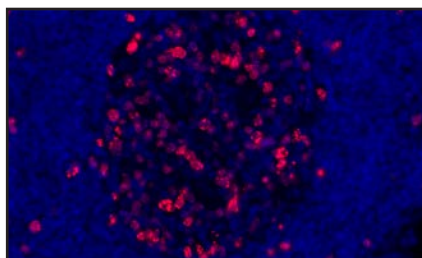


IF-IC: Confocal IF analysis of NCI-H3255 cells (left, positive) and SK-N-MC cells (right, negative) using #52953 (green), DyLight 554 Phalloidin #13054 (red), and DAPI #4083 (blue).

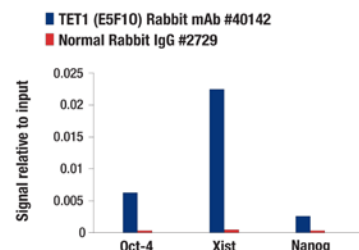




Cyclin K (E7F4N) Rabbit mAb #19472

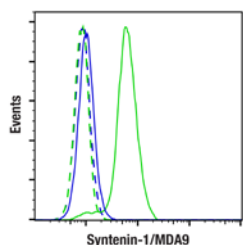


Ki-67 (D2H10) Rabbit mAb (Alexa Fluor® 647 Conjugate) #96344

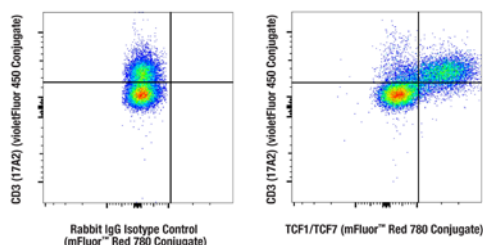


Human Reactive DNA Demethylation Antibody Sampler Kit #84884

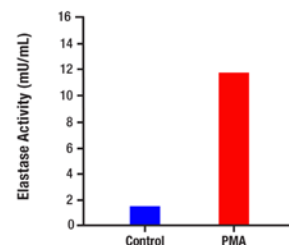
PRODUCT	APPLICATIONS	REACTIVITY
Adhesion/ECM		
52395S COL6A1 (E9U3B) Rabbit mAb	WB, IHC-P, IF-F	H, M, R
56358SF CYR61 (D4H5D) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-F, IF-IC, FC-FP	H
20483S Desmoglein 3 (5G11) Mouse mAb	WB, IF-IC	H
41798S Nectin-4/PVRL4 (E5Q1W) Rabbit mAb	WB	H, (Hm, B, Hr)
64266SF PLVAP (E3X9D) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-L	H
52953S Syndecan 1 (E7S6T) Rabbit mAb	WB, IF-IC, FC-FP, FC-L	H
Apoptosis		
41967S Phospho-Noxa (Ser13) (E819P) Rabbit mAb	WB	H
90624S SERPINB3 (OT13G4) Mouse mAb	WB	H
48318SF TRAIL (C92B9) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP, FC-L	H
Autophagy		
20371SF LC3B (E5Q2K) Mouse mAb (BSA and Azide Free)	WB, IHC-P, IF-F, IF-IC, FC-FP	H, M, R
44830S TEX264 (E2J3J) Rabbit mAb	WB, IP	H
Ca, cAMP and Lipid Signaling		
26704SF Calreticulin (D3E6) XP® Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, M, R
Cell Cycle / Checkpoint Control		
34453SF Aurora A (D3V7T) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H
45791S CDK12 (E8G6X) Rabbit mAb	WB, IP	H, M
94159SF Phospho-Cyclin D1 (Thr286) (D29B3) XP® Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, Mk
19472S Cyclin K (E7F4N) Rabbit mAb	WB	H, M, R
68341SF KAP-1 (C42G12) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H, M, R, Mk
96344S Ki-67 (D2H10) Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	H
34979SF p27 Kip1 (D69C12) XP® Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, R, Mk
31433S Phospho-Rb (Thr821) (E6J1L) Rabbit mAb	WB, IF-IC, FC-FP	H, M, R
15532S RIF1 (E2G4O) Rabbit mAb	WB, IP	M
97293S RRM2 (F4O1C) Rabbit mAb	WB, IP	M
Chromatin Regulation / Nuclear Function		
81001S APOBEC3A/B/G (5210-87-13) Rabbit mAb	WB	H
3598T DNMT3A (D23G1) Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk, B, (Hm, Dg, Pg, Hr)
69465S Crotonyl-Histone H3 (Lys18) (E8D9M) Rabbit mAb	WB, ChIP	H, M, R, Mk
84884T Human Reactive DNA Demethylation Antibody Sampler Kit	-	H
16864SF Nucleolin (D4C7O) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H, M, R, Mk
68379SF PBRM1/BAF180 (D4L9X) Rabbit mAb (BSA and Azide Free)	WB, IHC-LB, IHC-P	H, M, R, Mk
83407S Senataxin (E9Z9F) Rabbit mAb	WB	H, M, R, Mk
Cytoskeletal Signaling		
63940SF Phospho-DRP1 (Ser616) (D9A1) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, M, (R)
99124S SETD3 (E3U6D) Rabbit mAb	WB, IP	H
32485SF Syntenin-1/MDA9 (E219L) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H



Syntenin-1/MDA9 (E2I9L) Rabbit mAb (BSA and Azide Free) #32485

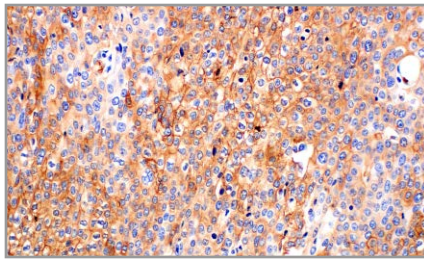


TCF1/TCF7 (C63D9) Rabbit mAb (mFluor™ Red 780 Conjugate) #86052

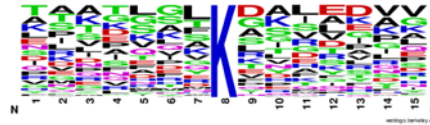


NETosis Assay Kit #41855

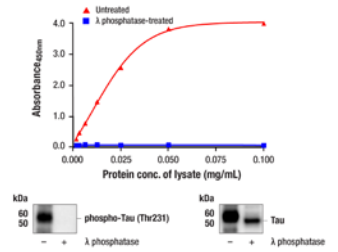
PRODUCT	APPLICATIONS	REACTIVITY
Developmental Biology		
75842C PathScan® RP GDF15/MIC1 Sandwich ELISA Kit	ELISA	H
95994S HAND1 (E7C4L) Rabbit mAb	WB	H
57497S LEF1 (C12A5) Rabbit mAb (Pacific Blue™ Conjugate)	FC-FP	H, M, R
86052S TCF1/TCF7 (C63D9) Rabbit mAb (mFluor™ Red 780 Conjugate)	FC-FP	H, M
52683S Phospho-YAP (Ser127) Matched Antibody Pair	ELISA	H
Immunology and Inflammation		
79556S ACKR2 (E9J8U) Rabbit mAb	WB	H
44676S AP1G1 (F2S8B) Rabbit mAb	WB, IP	H, M, R
27977SF BATF (D7C5) Rabbit mAb (BSA and Azide Free)	WB, FC-FP	H, M
65923S CD64/FcγRIIA (E6I4Z) Rabbit mAb	WB	H
38515S CD96 (F2I1M) Rabbit mAb	WB, IP	H
39434SF CISH (D4D9) Rabbit mAb (BSA and Azide Free)	WB, FC-FP	H, M, (Mk)
24253S GNLY (E3N1M) Rabbit mAb	WB, IF-IC, FC-FP	H
54887SF Helios (D4Z6D) Rabbit mAb (BSA and Azide Free)	WB, FC-FP	H
34819S IL-1α (E8O1W) Rabbit mAb	WB	H
23689SF IL-1β (D6D6T) Rabbit mAb (BSA and Azide Free)	WB, FC-FP	M
30399S IL-6 (E1D1N) Rabbit mAb	IF-IC, FC-FP	H
35109S LAG3 (D2G4O™) XP® Rabbit mAb (Alexa Fluor® 488 Conjugate)	IHC-P	H
56141S LAG3 (D2G4O™) XP® Rabbit mAb (Alexa Fluor® 555 Conjugate)	IHC-P	H
87220S LAG3 (D2G4O™) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	H
35779S Ly-6G (E6Z1T) Rabbit mAb (Alexa Fluor® 647 Conjugate)	IHC-P	M
41855S NETosis Assay Kit	FUNC	-
25023S Phospho-Stat3 (Tyr705) (D3A7) XP® Rabbit mAb (mFluor™ Red 780 Conjugate)	FC-FP	H, M, R, Mk, (Hm, B, Pg, Hr, Rab)
93568S UNC93B1 (E6C3E) Rabbit mAb	WB, IP	H, M, R, Mk
MAP Kinase Signaling		
44072SF ATF-2 (D4L2X) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M, R
94125SF Phospho-ATF-2 (Thr69/71)/ATF-7 (Thr51/53) (E6A8A) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, M, R
16014SF Phospho-SAPK/JNK (Thr183/Tyr185) (G9) Mouse mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, M, R, Hm, Sc
Metabolism		
94019S 15-PGDH/HPGD (E9H7W) Rabbit mAb	WB, IP	H
37041S AceCS2/ACSS1 (E6T5E) Rabbit mAb	WB	H, M
83319S ACSL3 (E2S9L) Rabbit mAb	WB, IP	H
94879SF C1QBP (D7H12) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H, M, R, Mk
83980SF CA9 (D10C10) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H
39165S Total Enolase-2 Matched Antibody Pair	ELISA	H, M, R
92350S GLRX1 (E4D6J) Rabbit mAb	WB	H, M, R
84221SF Glut1 (E4S6I) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-F, IF-IC, FC-FP	H, M, R, Mk
56298S LDHB (E8J8T) Rabbit mAb	WB	H
44496S POFUT1 (E8F4R) Rabbit mAb	WB	H, M, R, Mk
2794T SCD1 (C12H5) Rabbit mAb	WB, IP, IHC-P, IF-F, IF-IC	H, M



Glu1 (E4S6I) Rabbit mAb (BSA and Azide Free) #84221



PTMScan® HS Pan-Methyl Lysine Kit #28411



PathScan® RP Phospho-Tau (Thr231) Sandwich ELISA Kit #45760

PRODUCT	APPLICATIONS	REACTIVITY
Motif Antibodies		
89190S Poly/Mono-ADP Ribose (D9P7Z) Rabbit mAb	WB, IF-IC	All
28411S PTMScan® HS Pan-Methyl Lysine Kit	-	-
Neuroscience		
48663S APP (E7R9F) Mouse mAb	WB, IP	H
10208SF DCLK1/DCAMK1 (D2U3L) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H, M, R
47759S Dystrophin (E4F3S) Rabbit mAb	WB, IHC-P	H, R, (M)
75030S p75NTR (E7U5R) Mouse mAb	WB	H, M, R
89892T Phospho-Tau (Ser214/T217) Signaling Antibody Sampler Kit	-	-
45760C PathScan® RP Phospho-Tau (Thr231) Sandwich ELISA Kit	ELISA	H, M, R
28098SF TMEM119 (E3W5L) Rabbit mAb (BSA and Azide Free)	IHC-LB, IHC-P	M
24161S ZIP14/SLC39A14 (E3H7D) Rabbit mAb	WB, IP, IF-IC	H, M, R, Mk
74193S X-34	IF-F	-
Neuroscience		
79762S LXR-α (E3D9B) Rabbit mAb	WB	H
31535SF Progesterone Receptor B (CIA2) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H
PI3K / Akt Signaling		
44220C PathScan® RP Total FoxO1 Sandwich ELISA Kit	ELISA	H, M
Protein Folding and Trafficking		
53191SF Calnexin (C5C9) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H, Mk
80736SF Rab5A (E6N8S) Mouse mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H, M, R, Mk
RTK		
78650SF EphB4 (D1C7N) Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC	H
46134SF Prostatic Acid Phosphatase (D3Y5P) Rabbit mAb (BSA and Azide Free)	WB, IHC-P	H
Translational Control		
95404SF ADAR1 (E6X9R) XP® Rabbit mAb (BSA and Azide Free)	WB, IHC-P, IF-IC, FC-FP	H, Mk
70542S DCPS (E3A4Q) Rabbit mAb	WB	H, M, R, Mk
72916SF XBP-1s (E9V3E) Rabbit mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, M, R
34405S NSUN5 (E5N7R) Rabbit mAb	WB, IF-IC	H, M, R
40259S RPL22L1 (E9P6N) Rabbit mAb	WB, IP	H
Ubiquitin and Ubiquitin-like proteins		
60347SF PSMB8/LMP7 (1A5) Mouse mAb (BSA and Azide Free)	WB, IF-IC, FC-FP	H, R
Related Products		
54963S ALFA-Tag (E1R1A) Mouse mAb	WB	All
40629S CasMINI (8H3-H1) Mouse mAb	WB	All
43731S LshCas13a/C2c2 (Leptotrichia shahii) (7D1-H7) Mouse mAb	WB, IF-IC	All
84583L SignalStain® Mounting Medium II	IHC-P	-
49077SF Rabbit (DA1E) mAb IgG XP® Isotype Control (BSA and Azide Free)	IHC-P, IF-F, FC-FP, FC-L	-
79088S Rabbit (DA1E) mAb IgG XP® Isotype Control (mFluor™ Red 780 Conjugate)	FC-FP	-
83159S T7-Tag (F1O6G) Mouse mAb	WB, IF-IC	All



CST[®] Matched Antibody Pairs

PRODUCT	REACTIVITY
Adhesion/ECM	
56370S Total MUC1 Matched Antibody Pair	H
Apoptosis	
82077S Cleaved PARP (Asp214) Matched Antibody Pair	H, M
51908S Total RIP Matched Antibody Pair	H, Mk
47393S Phospho-RIP (Ser166) Matched Antibody Pair	H, M
Cell Cycle / Checkpoint Control	
30420S Total Ki-67 Matched Antibody Pair	H, Mk
24283S Total p21 Waf1/Cip1 Matched Antibody Pair	H
16175S Phospho-Rb (Ser807/811) Matched Antibody Pair	H, Mk
16566S Phospho-Rb (Ser807/811) Matched Antibody Pair	H, Mk
Chromatin Regulation / Nuclear Function	
50030S Cas9 (<i>S. aureus</i>) Matched Antibody Pair	All
19707S Cas9 (<i>S. pyogenes</i>) Matched Antibody Pair	All
40466S Acetyl-Histone H3 (Lys27) Matched Antibody Pair	H, M, R, Mk
Cytoskeletal Signaling	
54332S Total α -Tubulin Matched Antibody Pair	H, M, Mk
Developmental Biology	
93659S Total β -Catenin Matched Antibody Pair	H, M, Mk
52683S Phospho-YAP (Ser127) Matched Antibody Pair	H
Immunology and Inflammation	
39651S Total Btk Matched Antibody Pair	H
88123S Phospho-Btk (Tyr223) Matched Antibody Pair	H
16537S Total CD31 (PECAM-1) Matched Antibody Pair	H
92886S Total NF- κ B p65 Matched Antibody Pair	H, M
82370S Phospho-SLP-76 (Ser376) Matched Antibody Pair	H
69619S Phospho-SLP-76 (Ser376) Matched Antibody Pair	H, M
82798S Phospho-Stat1 (Tyr701) Matched Antibody Pair	H
72501S Phospho-Stat1 (Tyr701) Matched Antibody Pair	H, M
67229S Phospho-Stat1 (Ser727) Matched Antibody Pair	H, Mk
58064S Phospho-Stat3 (Tyr705) Matched Antibody Pair	H, M, R, Mk
99885S Phospho-Stat3 (Ser727) Matched Antibody Pair	H, M, R, Mk
17495S Phospho-Stat6 (Tyr641) Matched Antibody Pair	H
62917S Phospho-STING (Ser366) Matched Antibody Pair	H
60629S Total Syk Matched Antibody Pair	H
99379S Phospho-Syk (Tyr352) Matched Antibody Pair	H
28841S Phospho-Syk (Tyr525/526) Matched Antibody Pair	H
82871S Phospho-Syk (panTyr) Matched Antibody Pair	H
27341S Phospho-TBK1/NAK (Ser172) Matched Antibody Pair	H, R
69962S Phospho-Zap-70 (Tyr319) Matched Antibody Pair	H, M
MAP Kinase Signaling	
34865S Phospho-p38 MAPK (Thr180/Tyr182) Matched Antibody Pair	H, M
37766S Total p44/42 MAPK (Erk1/2) Matched Antibody Pair	H, M, R, Mk

PRODUCT	REACTIVITY
MAP Kinase Signaling (cont.)	
77099S Phospho-p44/42 MAPK (Thr202/Tyr204) Matched Antibody Pair	H, M, R, Mk
59044S Phospho-SAPK/JNK (Thr183/Tyr185) Matched Antibody Pair	H, M
Metabolism	
39165S Total Enolase-2 Matched Antibody Pair	H, M, R
76470S Total GAPDH Matched Antibody Pair	H, M, R, Mk
Neuroscience	
69924S β -Amyloid Matched Antibody Pair	H
20849S β -Amyloid (1-40) Matched Antibody Pair	H
97707S β -Amyloid (1-42) Matched Antibody Pair	H
28945S β -Amyloid (1-43) Matched Antibody Pair	H
98646S Total ApoE Matched Antibody Pair	M
81073S Total ApoE (pan) Matched Antibody Pair	H
84802S Total CREB Matched Antibody Pair	H, M, R, Mk
64083S Phospho-CREB (Ser133) Matched Antibody Pair	H, M, R, Mk
27041S Total Neurofilament-L Matched Antibody Pair	M, R
85535S Total Tau Matched Antibody Pair	H, M, R
42127S Total Tau 4R Matched Antibody Pair	H, M, R
58187S Phospho-Tau (Thr181) Matched Antibody Pair	H, M, R
70933S Phospho-Tau (Thr217) Matched Antibody Pair	H, M, R
47755S Phospho-Tau (Ser416) Matched Antibody Pair	H, M, R
93747S Total TDP43 Matched Antibody Pair	H, M
Nuclear Receptor Signaling	
23703S Androgen Receptor (AR-V7 Specific) Matched Antibody Pair	H
32477S Androgen Receptor (Carboxy-terminal Antigen) Matched Antibody Pair	H
69996S Phospho-Androgen Receptor (Ser258) Matched Antibody Pair	H
PI3K / Akt Signaling	
89489S Phospho-Akt (Thr308) Matched Antibody Pair	H, M
77574S Total Akt1 Matched Antibody Pair	H, M, R, Mk
16055S Phospho-Akt1 (Ser473) Matched Antibody Pair	H, M, R, Mk
91411S Total Akt2 Matched Antibody Pair	H, M
42495S Phospho-Akt2 (Ser474) Matched Antibody Pair	H, M
32328S Total Akt3 Matched Antibody Pair	M
39129S Phospho-Akt3 (Ser472) Matched Antibody Pair	M
45556S Total GSK-3 β Matched Antibody Pair	H, M, R, Mk
18549S Phospho-GSK-3 β (Ser9) Matched Antibody Pair	H, M, R, Mk
Protein Folding and Trafficking	
89161S Phospho-HSP27 (Ser82) Matched Antibody Pair	H, Mk
RTK	
99159S Phospho-HER2/ErbB2 (panTyr) Matched Antibody Pair	H
40421S Total PDGF Receptor α Matched Antibody Pair	H
Translational Control	
67864S Phospho-4E-BP1 (Thr37/46) Matched Antibody Pair	H

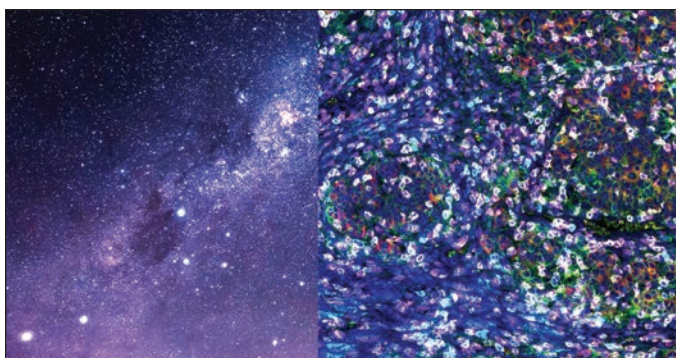
Learn more about CST matched antibody pairs: cst-science.com/Q1-2024-info5

cellsignal.com/newproducts



Cell Signaling
TECHNOLOGY[®]

What's New at CST



SignalStar™ Multiplex IHC for Spatial Biology

Unlocking Spatial Insights: Accelerate Discoveries up to 70% Faster with SignalStar™ Multiplex IHC

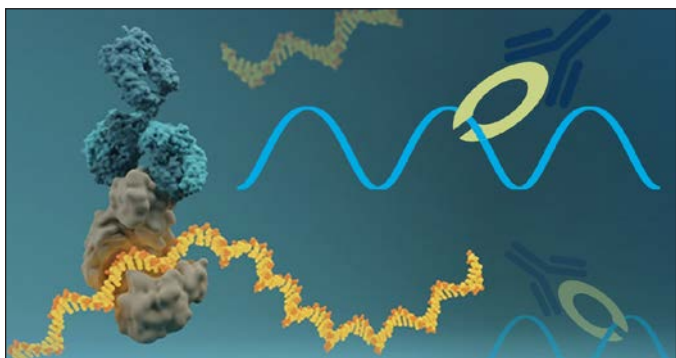
cst-science.com/Q1-2024-info1



Adapt Matched Antibody Pairs to Your Immunoassay Platforms

Explore the entire CST catalog to find Matched Antibody Pairs for your next assay. Take the guesswork out of screening for the perfect pair. CST scientists have validated antibody pairs for you, and can help you customize them to your project needs.

cst-science.com/Q1-2024-info2



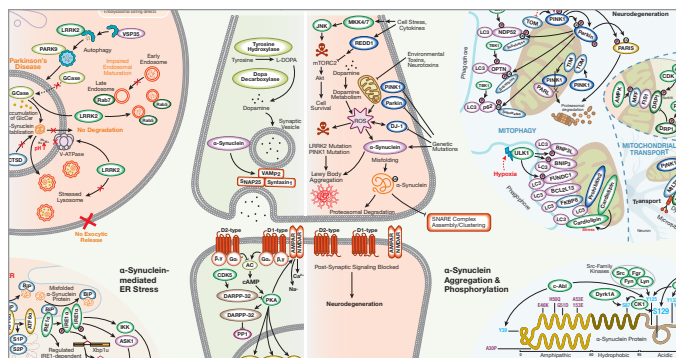
Validated Antibodies for eCLIP

Save time and be confident that your eCLIP antibodies generate high-quality results you can trust. CST has partnered with Dr. Gene Yeo's lab at UCSD and Eclipsebio to bring you RNA-binding protein (RBP) antibodies that are rigorously tested and validated for RBP-eCLIP experiments. Explore our growing list of eCLIP-validated antibodies, with more to come!

cst-science.com/Q1-2024-info3

For Research Use Only. Not for Use in Diagnostic Procedures.

© 2023 Cell Signaling Technology, Inc. CST, Cell Signaling Technology, and XP are registered trademarks of Cell Signaling Technology, Inc. All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information. 23-PRG-38050-EN



Interactive Signaling Pathways

Explore interactive signaling pathways. Click a node or protein in the pathway to learn more about the target at PhosphoSitePlus®, a CST-developed database of post-translational modifications. Or visit the page for the corresponding antibody product.

cst-science.com/Q1-2024-info4

cellsignal.com/newproducts



Cell Signaling
TECHNOLOGY®