



Antibodies and Related Kits for

Nuclear Receptors and Phosphatases

INNOVATIVE DISCOVERY TOOLS FOR CELL SIGNALING RESEARCH

Product Categories

Screening Technologies and Phospho-Motif Antibodies

Chromatin Regulation

MAP Kinase Signaling

Apoptosis and Autophagy

Akt Signaling Pathways

Glucose and Energy Metabolism

Translational Control

Stem Cells, Development and Differentiation

Ca²⁺, cAMP and Lipid Signaling

Cell Cycle/Checkpoint Control

Immunology and Inflammation

Neuroscience

Tyrosine Kinases and Docking Proteins

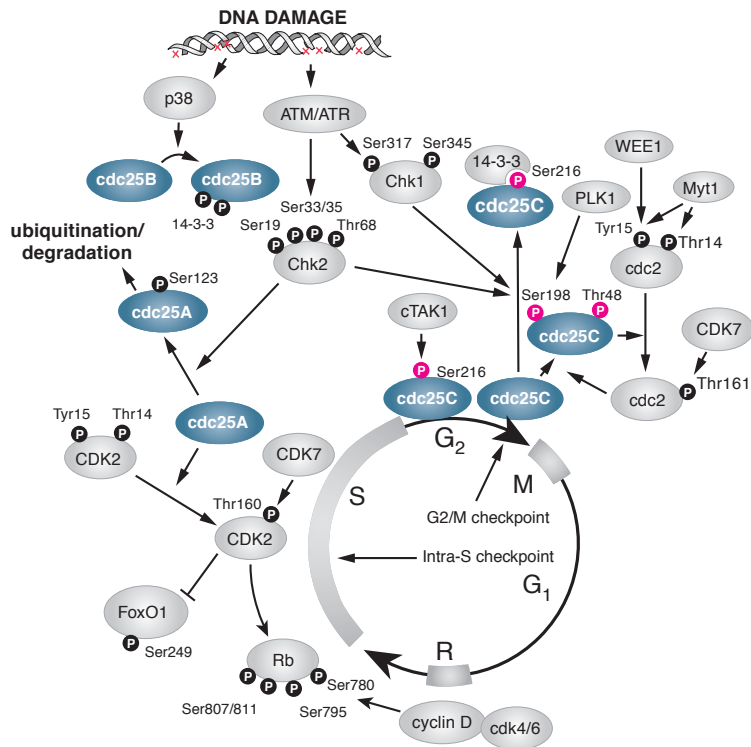
Nuclear Receptors and Phosphatases

Cytoskeletal Regulation

Protein Folding and Stability

Please visit www.cellsignal.com for comprehensive product information and the most up-to-date product listing.

cdc25 Signaling



What does Antibody Validation Mean at Cell Signaling Technology?

Scientists at Cell Signaling Technology (CST) follow a stringent Validation Protocol, using a combination of several approaches and applications, to provide you with the highest quality antibodies. This ensures credible and reproducible results with the least expenditure of your costly time, samples and reagents.

Antibody Validation at Cell Signaling Technology includes:

✓ **Testing in a number of applications – to help you choose the antibody that works in your application**

- Western blot
- Immunoprecipitation
- Immunohistochemistry
- Confocal immunofluorescence
- Flow cytometry
- ChIP

✓ **Verifying specificity and reproducibility – to make sure the antibody works each and every time in all applications specified**

- Treatment of cells with appropriate kinase-specific inhibitors to verify specificity
- Phosphatase treatment to eliminate phospho-specific stain
- Comparing antibody to isotype control antibody
- Verify target-specific stain in transfected cells, knock-out cells or siRNA-treated cells
- Blocking with antigen peptide should eliminate all stain
- Verify correct subcellular localization or treatment-induced translocation
- Side by side comparison of a new lot with previous lots to ensure lot-to-lot consistency

✓ **Identifying optimal conditions – to save your precious time, samples and reagents**

- Optimal dilutions and buffers predetermined
- Positive and negative control cells/tissues are specified
- Detailed protocols worked out already



Cell Signaling Technology offers the highest quality research products, rigorous validation and technical support provided by the same scientists who produce and validate the products and know them best.

www.cellsignal.com

Telephone ordering:
(toll free) 1-877-616-CELL (2355)
orders@cellsignal.com

Fax ordering:
1-978-867-2488

Technical support:
(toll-free) 1-877-678-TECH (8324)
support@cellsignal.com

Nuclear Receptor Signaling

3202	Androgen Receptor Antibody
2517	Phospho-Estrogen Receptor α (Ser104/106) Antibody
2515	Phospho-Estrogen Receptor α (Ser118) Antibody
2511	Phospho-Estrogen Receptor α (Ser118) (16J4) Mouse mAb
2512	Estrogen Receptor α (62A3) Mouse mAb
4161	Phospho-Glucocorticoid Receptor (Ser211) Antibody
2443	PPAR γ (81B8) Rabbit mAb
2435	PPAR γ (C26H12) Rabbit mAb
2430	PPAR γ (D69) Antibody
3171	Phospho-Progesterone Receptor (Ser190) Antibody
3172	Progesterone Receptor (6A1) Mouse mAb
New 3153	Progesterone Receptor A/B (C89F7) Rabbit mAb
3176	Progesterone Receptor A/B Antibody
New 3157	Progesterone Receptor B (C1A2) Rabbit mAb
3178	Progesterone Receptor B Antibody
2554	RAR α Antibody
2129	Phospho-Rev-erb α (Ser55/59) Antibody
2124	Rev-erb α Antibody
2191	SRC-1 (128E7) Rabbit mAb
New 2979	Phospho-SRC-3 (Thr24) Antibody
2126	SRC-3 (5E11) Rabbit mAb
2115	SRC-3 (11B1) Mouse mAb
2333	TRIP-4/ASC-1 Antibody
Controls	
1433	SRC-1 Blocking Peptide

Phosphatases

2614	Pan-Calcineurin A Antibody
3652	cdc25A Antibody
9525	cdc25B Antibody
9527	Phospho-cdc25C (Thr48) Antibody
9529	Phospho-cdc25C (Ser198) Antibody
4901	Phospho-cdc25C (Ser216) (63F9) Rabbit mAb
9528	Phospho-cdc25C (Ser216) Antibody
4688	cdc25C (5H9) Rabbit mAb
New 4686	Chronophin/PDXP (C85E3) Rabbit mAb
2857	Phospho-MKP1 (Ser359) (125E2) Rabbit mAb
New 3058	MKP3 Antibody
New 4563	Phospho-MYPT1 (Thr853) Antibody
New 2634	MYPT1 Antibody
2581	Phospho-PP1 α (Thr320) Antibody
2582	PP1 α Antibody
2041	PP2A A Subunit (81G5) Rabbit mAb
2039	PP2A A Subunit Antibody
4955	PP2A A Subunit (4G7) Mouse mAb
2260	PP2A A Subunit (6G3) Rat mAb
2290	PP2A B Subunit (100C1) Rabbit mAb
4953	PP2A B Subunit Antibody
2259	PP2A C Subunit (52F8) Rabbit mAb
2038	PP2A C Subunit Antibody
4957	Nonmethylated PP2A C Subunit (4B7) Mouse mAb
2289	PP5 Antibody
9551	Phospho-PTEN (Ser380) Antibody
9549	Phospho-PTEN (Ser380/Thr382/383) (44A7) Rabbit mAb
9554	Phospho-PTEN (Ser380/Thr382/383) Antibody
New 9569	Non-Phospho PTEN (Ser380/Thr382/Thr383) Antibody
New 9188	PTEN (D4.3) Rabbit mAb
9559	PTEN (138G6) Rabbit mAb
9560	PTEN (138G6) Rabbit mAb (Alexa Fluor® 488 Conjugate)

9573	PTEN (138G6) Rabbit mAb (Alexa Fluor® 647 Conjugate)
9552	PTEN Antibody
9556	PTEN (26H9) Mouse mAb
4481	Phospho-PTP α (Tyr789) Antibody
4485	PTP μ (BK2) Mouse mAb
4864	PTP-PEST (AG10) Mouse mAb
4956	SG2NA (S68) Mouse mAb
3941	Phospho-SHIP1 (Tyr1020) Antibody
2725	SHIP1 (C15C9) Rabbit mAb
2727	SHIP1 (C40G9) Rabbit mAb
2728	SHIP1 (D1163) Antibody
2726	SHIP1 (P290) Antibody
New 2839	SHIP2 (C76A7) Rabbit mAb
2730	SHIP2 Antibody
New 3759	SHP-1 (C14H6) Rabbit mAb
3751	Phospho-SHP-2 (Tyr542) Antibody
3703	Phospho-SHP-2 (Tyr580) Antibody
3752	SHP-2 Antibody
4752	VHR Antibody

Active Phosphatases

New 8002	CD45 Phosphatase
New 8001	PTP α Phosphatase
New 8006	PTPN7 Phosphatase
New 8008	PTPN13 Phosphatase
New 8003	PTPRF Phosphatase
New 8004	PTPRS Phosphatase
New 8005	SHP-1 Phosphatase
New 8007	SHP-2 Phosphatase

Controls

1054	PP2A A Subunit Blocking Peptide
1051	PP2A B Subunit Blocking Peptide
1067	PP2A C Subunit Blocking Peptide

Chemical Modulators

9902	Calyculin A (Serine/Threonine Phosphatase Inhibitor)
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Complementary Products

New 3900	Normal Rabbit (DA1E) mAb IgG
New 2975	Rabbit (DA1E) mAb IgG Isotype Control (Alexa Fluor® 488 Conjugate)
New 2985	Rabbit (DA1E) mAb IgG Isotype Control (Alexa Fluor® 647 Conjugate)
New 2729	Normal Rabbit IgG
4340	Rabbit IgG Isotype Control (Alexa Fluor® 488 Conjugate)
New 3452	Rabbit IgG Isotype Control (Alexa Fluor® 647 Conjugate)
7727	Biotinylated Protein Ladder Detection Pack

7720	Prestained Protein Marker, Broad Range (Pre-mixed Format)
7071	Phototope®-HRP Western Blot Detection System, Anti-rabbit IgG, HRP-linked Antibody
7072	Phototope®-HRP Western Blot Detection System, Anti-mouse IgG, HRP-linked Antibody
7055	Anti-biotin, AP-linked Antibody
7075	Anti-biotin, HRP-linked Antibody
7056	Anti-mouse IgG, AP-linked Antibody
7076	Anti-mouse IgG, HRP-linked Antibody
7054	Anti-rabbit IgG, AP-linked Antibody
7074	Anti-rabbit IgG, HRP-linked Antibody
7077	Anti-rat IgG, HRP-linked Antibody

7003	20X LumiGLO® Reagent and 20X Peroxide
9998	BSA
9803	Cell Lysis Buffer (10X)
9852	Chaps Cell Extract Buffer (10X)
9999	Nonfat Dry Milk
9808	Phosphate Buffered Saline (PBS-20X)
9809	Phosphate Buffered Saline with Tween 20 (PBST-20X)
7722	Blue Loading Buffer Pack
7723	Red Loading Buffer Pack
9806	RIPA Buffer (10X)
9997	Tris Buffered Saline with Tween 20 (TBST - 10X)