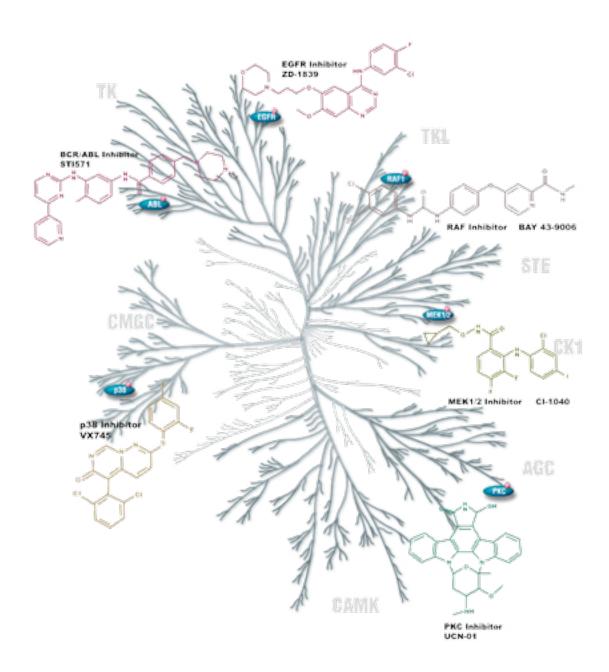
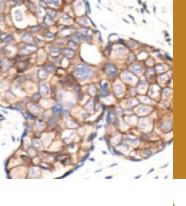
Antibodies and Related Reagents for Phospho-Motif Antibodies

The Human Kinome





Product Pathways

>Motif Antibodies

Chromatin Regulation

MAP Kinase Signaling

Apoptosis and Autophagy

PI3K / Akt Signaling

Cellular Metabolism

Translational Control

Development and Differentiation

Stem Cell and Lineage Markers

Ca²⁺, cAMP, and Lipid Signaling

Cell Cycle/Checkpoint Control

NF-ĸB Signaling

Lymphocyte Signaling

Neuroscience

Tyrosine Kinases and Docking Proteins

Angiogenesis

Nuclear Receptors and Phosphatases

Cytoskeletal Signaling

Adhesion

Protein Folding and Stability

For Research Use Only. Not For Use In Diagnostic Procedures.



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ANTIBODIES AND RELATED REAGENTS

FOR SIGNAL TRANSDUCTION RESEARCH

USA Headquarters

Cell Signaling Technology, Inc. Tel: 978-867-2300 E-mail: info@cellsignal.com www.cellsignal.com

International Subsidiaries

Cell Signaling Technology (China) Limited Tel: (86) 21-5835-6288 E-mail: info@cst-c.com.cn www.cellsignal.com

Pho	ospho-Serine	Motif Recognized
#9615	Phospho-(Ser) Kinase Substrate Antibody Sampler Kit*	
#9601	Phospho-(Ser) 14-3-3 Binding Motif Antibody [‡]	(K/R)XXS*XP
#9606	Phospho-(Ser) 14-3-3 Binding Motif (4E2) Mouse mAb [‡]	(K/R)XXS*XP
#2981	Phospho-(Ser) Arg-X-Tyr/Phe-X-pSer Motif Antibody [‡]	RX(F/Y)XS*
#9607	Phospho-ATM/ATR Substrate (S*Q) (D23H2/D69H5) Rabbit mAb*	S*Q
#2325	Phospho-MAPK/CDK Substrates (PXS*P or S*PXR/K) (34B2) Rabbit mAb [‡]	PXS*P, S*PX(K/R)
w #6967	Phospho-(Ser) PKC Substrate (P-S3-101) Rabbit mAb*	(K/R)XS*X(K/R)
#2261	Phospho-(Ser) PKC Substrate Antibody [‡]	(K/R)XS*(Hyd)(K/R)

Phospho-Threonine

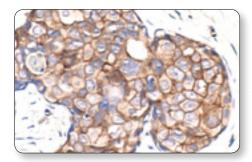
N

N

#2321	Phospho-(Thr) MAPK/CDK Substrate Mouse mAb [‡]	T*P
#5243	Phospho-PLK Binding Motif (ST*P) (D73F6) Rabbit mAb *	ST*P
#9381	Phospho-Threonine Antibody (P-Thr-Polyclonal) *	T*
#6949	Phospho-Threonine Antibody (P-Thr-Polyclonal) (HRP Conjugate) [‡]	T*
#9386	Phospho-Threonine (42H4) Mouse mAb [‡]	T*
#9391	Phospho-Threonine-Proline Mouse mAb (P-Thr-Pro-101) [‡]	T*P
#3004	Phospho-Thr-Pro-Glu (C32G12) Rabbit mAb [‡]	T*PE, T*P
#2351	Phospho-Threonine-X-Arginine Antibody [‡]	T*X(K/R)

Phospho-Serine / Threonine

	#9614	Phospho-Akt Substrate (RXXS*/T*) (110B7E) Rabbit mAb‡	RXX(S*/T*)
	#6950	Phospho-Akt Substrate (RXXS*/T*) (110B7E) Rabbit mAb (HRP Conjugate) *	RXX(S*/T*)
	#8050	Phospho-Akt Substrate (RXXS*/T*) (110B7E) Rabbit mAb (Magnetic Bead Conjugate) *	RXX(S*/T*)
	#9646	Phospho-Akt Substrate (RXXS*/T*) (110B7E) Rabbit mAb (Sepharose Bead Conjugate)‡	RXX(S*/T*)
lew	#10001	Phospho-Akt Substrate (RXRXXS*/T*) (23C8D2) Rabbit mAb‡	RXRXX(S*/T*)
	#9611	Phospho-(Ser/Thr) Akt Substrate Antibody [‡]	(K/R)XX(S*/T*)
	#5759	Phospho-(Ser/Thr) AMPK Substrate (P-S/T ² -102) Rabbit mAb ⁺	(L/M)XRXX(S*/T*), RXX(S*/T*)
	#2909	Phospho-(Ser/Thr) ATM/ATR Substrate (4F7) Rabbit mAb [‡]	L(S*/T*)Q
	#2851	Phospho-(Ser/Thr) ATM/ATR Substrate Antibody [‡]	L(S*/T*)Q
	#6966	Phospho-(Ser/Thr) ATM/ATR Substrate (S*/T*QG) (P-S/T²-100) Rabbit mAb *	(S*/T*)QG, (S*/T*)Q
	#9634	Phospho-(Ser/Thr) PDK1 Docking Motif (18A2) Mouse mAb ⁺	(F/K)XX(F/Y)(S*/T*)(F/Y)
	#9631	Phospho-(Ser/Thr) Phe Antibody [‡]	(F/Y/W)(S*/T*)(F)
	#9624	Phospho-PKA Substrate (RRXS*/T*) (100G7E) Rabbit mAb [‡]	(K/R)(K/R)X(S*/T*)
	#9621	Phospho-(Ser/Thr) PKA Substrate Antibody [‡]	(K/R)(K/R)X(S*/T*)
	#4381	Phospho-(Ser/Thr) PKD Substrate Antibody [‡]	LXRXX(S*/T*)



Phospho-Tyrosine Mouse mAb (P-Tyr-100) #9411: IHC analysis of paraffin-embedded

human breast carcinoma using #9411. **Cell Signaling Technology Europe** Tel: +31 (0)71 568 1060 E-mail: info@cellsignal.eu www.cellsignal.com Cell Signaling Technology Japan, K.K. Tel: 03-3295-16300 E-mail: info@cstj.co.jp www.cstj.co.jp

Phospho-Tyrosine		Motif Recognized	
#9411	Phospho-Tyrosine Mouse mAb (P-Tyr-100) [‡]	Y*	
#9414	Phospho-Tyrosine Mouse mAb (P-Tyr-100) (Alexa Fluor® 488 Conjugate)‡	Υ*	
#9415	Phospho-Tyrosine Mouse mAb (P-Tyr-100) (Alexa Fluor® 647 Conjugate)‡	Y*	
#9417	Phospho-Tyrosine Mouse mAb (P-Tyr-100) (Biotinylated) [‡]	Y*	
#5465	Phospho-Tyrosine Mouse mAb (P-Tyr-100) (HRP Conjugate) [‡]	Y*	
#8095	Phospho-Tyrosine Mouse mAb (P-Tyr-100) (Magnetic Bead Conjugate)‡	Y*	
#9419	Phospho-Tyrosine Mouse mAb (P-Tyr-100) (Sepharose Bead Conjugate) [‡]	Y*	
#9416	Phospho-Tyrosine Mouse mAb (P-Tyr-102)‡	Y*	

Nitro-Tyrosine

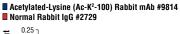
#9691	Nitro-Tyrosine Antibody *	Y-NO ₂

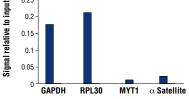
Acetylated-Lysine

#9814	Acetylated-Lysine (Ac-K ² -100) Rabbit mAb [‡]	Ac-K	
#6952	Acetylated-Lysine (Ac-K ² -100) Rabbit mAb (HRP Conjugate) [‡]	Ac-K	
#9441	Acetylated-Lysine Antibody *	Ac-K	
#9681	Acetylated-Lysine Mouse mAb (Ac-K-103)*	Ac-K	

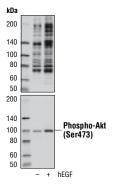
Mono-Methyl-Arginine

#8015	Mono-Methyl Arginine (Me-R4-100) Rabbit mAb‡	Me-R
#8711	Mono-Methyl Arginine (R*GG) (D5A12) Rabbit mAb [‡]	Me-RGG





Acetylated-Lysine (Ac-K²-100) Rabbit mAb #9814: Chromatin immunoprecipitations were performed with cross-linked chromatin from 4 x 10⁶ HeLa cells and either 10 µl of #9814 or 2 µl of Normal Rabbit lgG #2729, using SimpleChIP® Enzymatic Chromatin IP Kit (Magnetic Beads) #9003. The enriched DNA was quantified by real-time PCR using SimpleChIP® Human GAPDH Exon 1 Primers #5516, SimpleChIP® Human RPL30 Exon 3 Primers #7014, SimpleChIP® Human MYT-1 Exon 1 Primers #4493, and SimpleChIP® Human a 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.



Phospho-Akt Substrate (RXRXXS*/T*) (23C8D2) Rabbit mAb #10001: Western blot

In AD # 10001: Western blot analysis of extracts from A-431 cells, untreated (-) or treated (+) with Human Epidermal Growth Factor (hEGF) #8916 (10 ng/ml, 20 min), using #10001 (upper), or Phospho-Akt (Ser473) (D9E) XP[®] Rabbit mAb #4060 (lower). Western blot images were obtained using the Odyssey[®] Infrared Imaging System (LI-COR[®] Biotechnology).

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