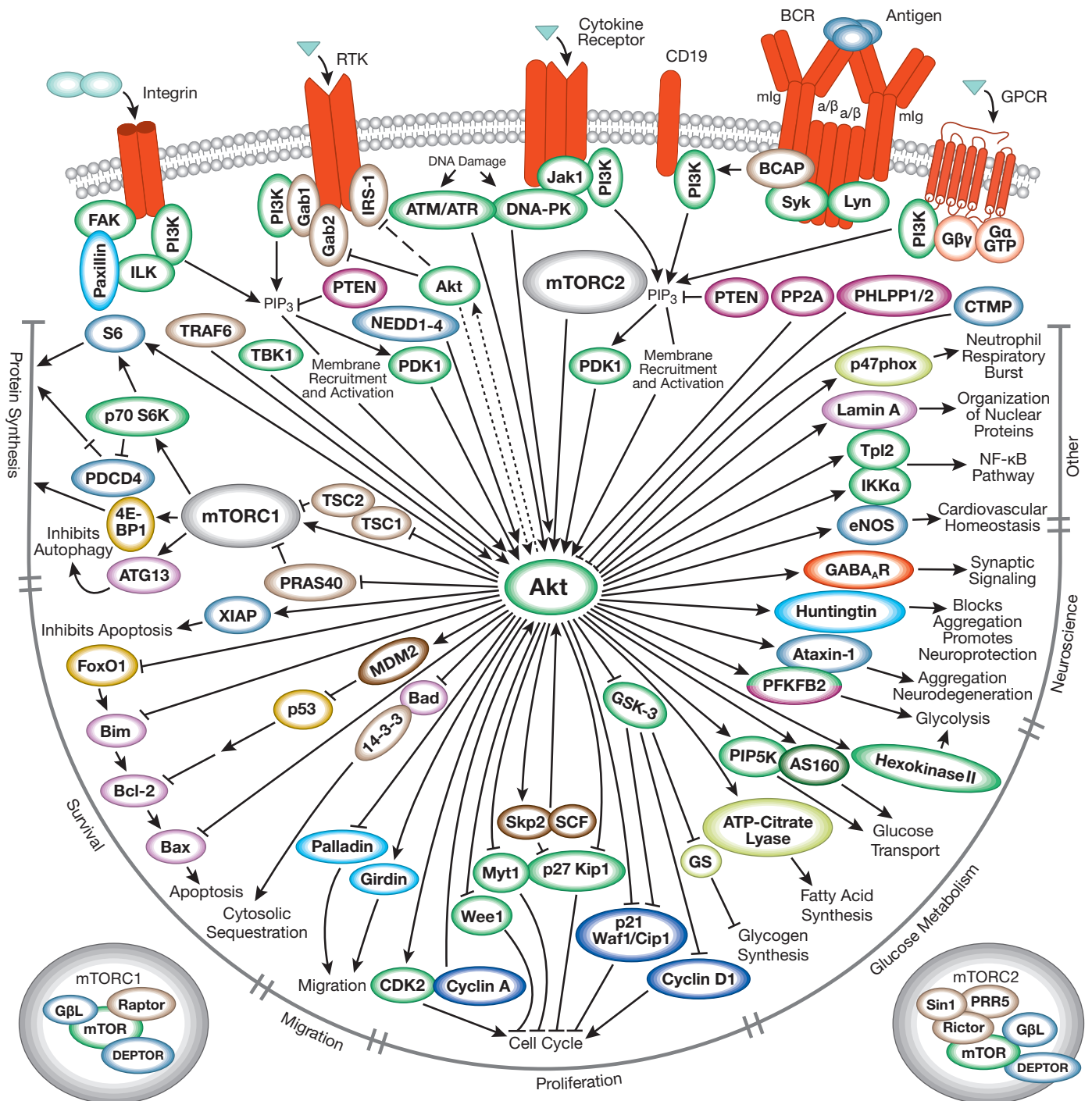


PI3K/Akt Signaling



Key Products for PI3K/Akt Signaling

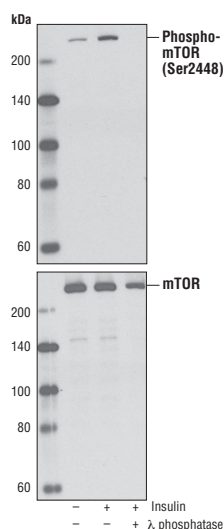
Visit www.cellsignal.com for a full listing of antibodies, related kits, and reagents.

ANTIBODIES	APPLICATIONS	REACTIVITY
9644 4E-BP1 (53H11) Rabbit mAb	W, IP, IHC-P, IF-IC, F	H, M, R, Mk
2855 Phospho-4E-BP1 (Thr37/46) (236B4) Rabbit mAb	W, IHC-P, IF-IC, F	H, M, R, Mk, Dm
4691 Akt (pan) (C67E7) Rabbit mAb	W, IP, IHC-P, IF-IC, F	H, M, R, Mk, Dm, (Pg)
2920 Akt (pan) (40D4) Mouse mAb	W, IP, IHC-P, IF-IC, F	H, M, R, Mk
13038 Phospho-Akt (Thr308) (D25E6) XP® Rabbit mAb	W, IP, IF-IC, F	H, M, R, Mk
12178 Phospho-Akt (Thr450) (D5G4) Rabbit mAb	W, IP	H, M, R
4060 Phospho-Akt (Ser473) (D9E) XP® Rabbit mAb	W, IP, IHC-P, IF-IC, F	H, M, R, Mk, Hm, B, Dm, Z, (Pg, C, X, Dg)
2938 Akt1 (C73H10) Rabbit mAb	W, IP	H, M, R, Mk
9018 Phospho-Akt1 (Ser473) (D7F10) XP® Rabbit mAb (Akt1 Specific)	W, IP, IF-IC, F	H, M, R
3063 Akt2 (D6G4) Rabbit mAb	W, IP	H, M, R, Mk
8599 Phospho-Akt2 (Ser474) (D3H2) Rabbit mAb (Akt2 Specific)	W, IP	H, M, R
14982 Akt3 (E1Z3W) Rabbit mAb	W, IP, IF-IC	H, M, R
9239 Bad (D24A9) Rabbit mAb	W	H, M, R, Mk
4366 Phospho-Bad (Ser136) (D25H8) Rabbit mAb	W, IP	H, M, Mk, (R)
2880 FoxO1 (C29H4) Rabbit mAb	W, IP, IHC-P, IF-IC, ChIP, F	H, M, R, Mk
84192 Phospho-FoxO1 (Ser256) (E1F7T) Rabbit mAb	W, IP	H, M, R, Mk
12829 FoxO3a (D19A7) Rabbit mAb	W, IP, IHC-P, IF-IC, F	H, M, R
13129 Phospho-FoxO3a (Ser253) (D18H8) Rabbit mAb	W	H, M, R, Mk
12456 GSK-3β (D5C5Z) XP® Rabbit mAb	W, IP, IHC-P, IF-IC, F	H, M, R, Mk
5558 Phospho-GSK-3β (Ser9) (D8E12) XP® Rabbit mAb	W, IP, IF-IC, F	H, M, R, Hm
6935 Hamartin/TSC1 (D43E2) Rabbit mAb	W, IP	H, M, R
61294 IKKα (D3W6N) Rabbit mAb	W, IP	H, M, R
8943 IKKβ (D30C6) Rabbit mAb	W, IP	H, M, R, Mk
8975 LAMTOR1/C11orf59 (D11H6) XP® Rabbit mAb	W, IP, IHC-P, IF-IC	H, M, R, Mk
2983 mTOR (7C10) Rabbit mAb	W, IHC-P, IF-IC, F	H, M, R, Mk, (Hr)
5536 Phospho-mTOR (Ser2448) (D9C2) XP® Rabbit mAb	W, IP, IF-IC	H, M, R, Mk, (C, Pg, Hr)
2974 Phospho-mTOR (Ser2481) Antibody	W	H, M, R, Mk
2708 p70 S6 Kinase (49D7) Rabbit mAb	W, IHC-P	H, M, R, Mk

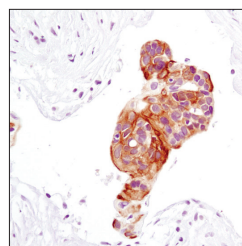
ANTIBODIES	APPLICATIONS	REACTIVITY
97596 Phospho-p70 S6 Kinase (Thr389) (D5U10) Rabbit mAb	W	H, M, R, Mk
11989 Phospho-p90RSK (Ser380) (D3H11) Rabbit mAb	W, IHC-P, IF-IC	H, M, R, Mk, Mi, (C, X, Z, B, Dg, Pg, Hr)
13037 PDK1 (D4Q4D) Rabbit mAb	W	H, Mk
4257 PI3 Kinase p85 (19H8) Rabbit mAb	W, IP	H, M, R, (C)
17366 Phospho-PI3 Kinase p85 (Tyr458)/ p55 (Tyr199) (E3U1H) Rabbit mAb	W, IP, F	M
4249 PI3 Kinase p110α (C73F8) Rabbit mAb	W, IP	H, M, R, B
2691 PRAS40 (D23C7) XP® Rabbit mAb	W, IP, IHC-P	H, M, R, Mk
13175 Phospho-PRAS40 (Thr246) (D4D2) XP® Rabbit mAb	W, IP, IHC-P	H, M, R, Mk
9188 PTEN (D4.3) XP® Rabbit mAb	W, IP, IHC-P	H, M, R, Mk, Dg, (C)
9549 Phospho-PTEN (Ser380/Thr382/383) (44A7) Rabbit mAb	W	H, M, R, Mk
5466 RagC (D31G9) XP® Rabbit mAb	W, IP, IHC-P	H, M, R, Mk
2280 Raptor (24C12) Rabbit mAb	W, IP	H, M, R, Mk
89146 Phospho-Raptor (Ser792) (E4V6C) Rabbit mAb	W, IP	H, M, R
13879 Rheb (E1G1R) Rabbit mAb	W, IP	H, M, R, Mk
9476 Rictor (D16H9) Rabbit mAb	W	H, M
3806 Phospho-Rictor (Thr1135) (D30A3) Rabbit mAb	W	H, M, Mk
2317 S6 Ribosomal Protein (54D2) Mouse mAb	W, IHC-P, IF-IC, F	H, M, R, Mk, Dm
4858 Phospho-S6 Ribosomal Protein (Ser235/236) (D57.2.2E) XP® Rabbit mAb	W, IHC-P, IHC-F, IF-IC, F	H, M, R, Mk, Mi, Sc, (C, Pg)
5364 Phospho-S6 Ribosomal Protein (Ser240/244) (D68F8) XP® Rabbit mAb	W, IHC-P, IF-IC, F	H, M, R, Mk, (C, Pg)
12860 Sin1 (D7G1A) Rabbit mAb	W, IP	H, R, Mk
14716 Phospho-Sin1 (Thr86) (D4U9L) Rabbit mAb	W, IP	H, M, (R)
4308 Tuberin/TSC2 (D93F12) XP® Rabbit mAb	W, IP, IF-IC, F	H, M, R, Mk, Hm
8054 ULK1 (D8H5) Rabbit mAb	W, IP	H, M, R, Mk

RELATED KITS

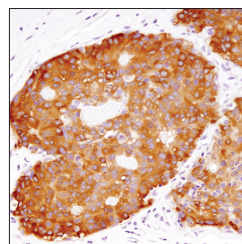
7976 PathScan® Phospho-mTOR (Ser2448) Sandwich ELISA Kit
9862 mTOR Substrates Antibody Sampler Kit
80895 FastScan™ Phospho-Akt (Ser473) ELISA Kit
10396 Phospho-Akt Isoform Antibody Sampler Kit



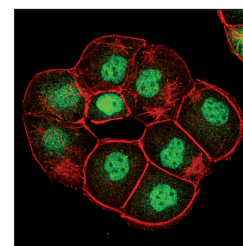
Phospho-mTOR (Ser2448) (D9C2) XP® Rabbit mAb #5536: WB analysis of extracts from serum-starved NIH/3T3 cells, untreated (-) or insulin-treated (150 nM, 5 min; +), alone or in combination with λ-phosphatase (+), using #5536 (upper) or mTOR (7C10) Rabbit mAb #2983 (lower).



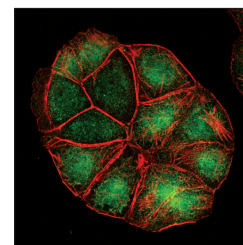
Phospho-Akt (Ser473) (D9E) XP® Rabbit mAb #4060: IHC analysis of paraffin-embedded human lung carcinoma using #4060.



Phospho-PRAS40 (Thr246) (D4D2) XP® Rabbit mAb #13175: IHC analysis of paraffin-embedded human breast carcinoma using #13175 in the presence of control peptide.



FoxO1 (C29H4) Rabbit mAb #2880: Confocal IF analysis of IGROV-1 cells, treated with LY294002 #9901 (top) or insulin-treated (bottom), using #2880 (green). Actin filaments were labeled with DyLight™ 554 Phalloidin #13054 (red). Blue pseudocolor = DAPI.



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For pathway key and background, please visit:
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