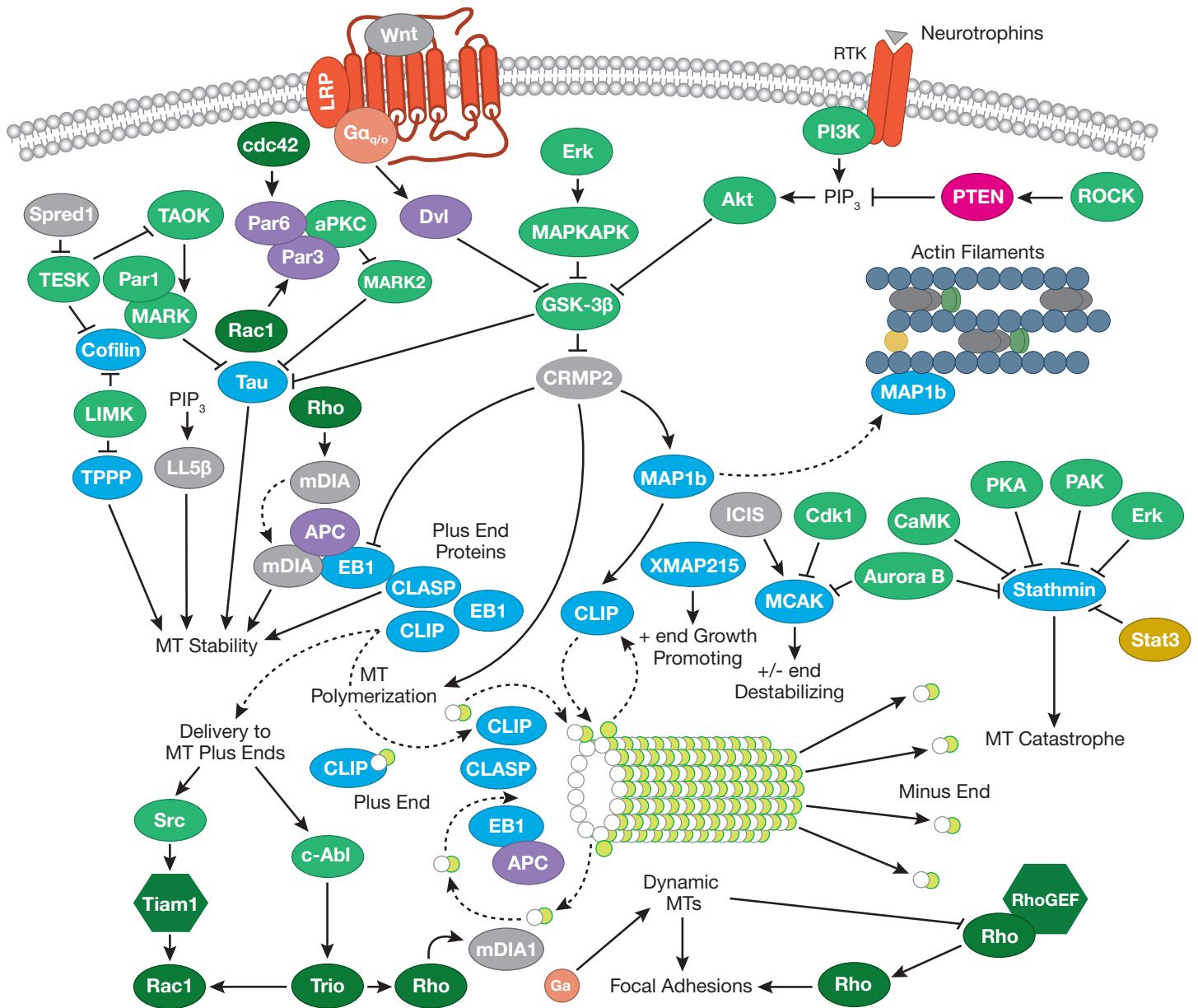


Regulation of Microtubule Dynamics



Key Products for the Regulation of Microtubule Dynamics

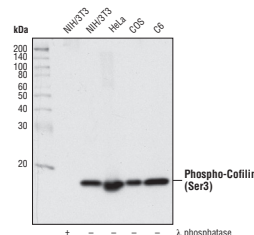
Visit cellsignal.co/mtlist for full listing of antibodies, related kits, and reagents

ANTIBODIES & KITS

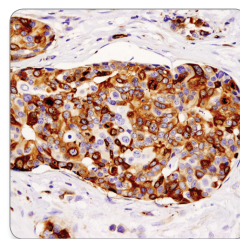
	APPLICATIONS	REACTIVITY
#4691 Akt (pan) (C67E7) Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, R, Mk, Dm, (Pg)
#9272 Akt Antibody	WB, IP, IF-IC, F	H, M, R, Hm, Mk, C, Dm, B, Dg, Pg, GP, (Dg)
#4060 Phospho-Akt (Ser473) (D9E) XP® Rabbit mAb	WB, IP, IHC-P, IHC-F, IF-IC, F	H, M, R, Hm, Mk, Dm, Z, B, (C, X, Dg, Pg)
#2504 APC Antibody	WB, IP	H, (M, R, Mk)
#3094 Aurora B/AIM1 Antibody	WB, IP, F	H, R, Mk
#2914 Phospho-Aurora A (Thr288)/Aurora B (Thr232)/Aurora C (Thr198) (D13A11) XP® Rabbit mAb	WB, IF-IC, F	H, M, R
#4436 CaMKII (pan) (D11A10) Rabbit mAb	WB	H, M, R
#12716 Phospho-CaMKII (Thr286) (D21E4) Rabbit mAb	WB	H, M, R
#50049 CaMKII-α (6G9) Mouse mAb	WB, IHC-P, IF-F, IF-IC, F	H, M, R
#5175 Cofilin (D3F9) XP® Rabbit mAb	WB, IF-IC	H, M, R, Mk, Dg
#3313 Phospho-Cofilin (Ser3) (77G2) Rabbit mAb	WB, IF-IC	H, M, R, Mk, B
#3224 Dvl2 (30D2) Rabbit mAb	WB, IP	H, M, R, Mk
#3218 Dvl3 Antibody	WB, IP	H, M, R, Hm, Mk, Mi, B
#14404 Eg5 (E1L3W) Rabbit mAb	WB, IP, IF-IC	H
#4076 GEF-H1 (55B6) Rabbit mAb	WB	H, M, R, Hm, Mk
#14143 Phospho-GEF-H1 (Ser886) (E1L6D) Rabbit mAb	WB	H, M, R
#9331 Phospho-GSK-3α/β (Ser21/9) Antibody	WB	H, M, R, Mk, Z
#12456 GSK-3β (D5C5Z) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, R, Mk
#5558 Phospho-GSK-3β (Ser9) (D85E12) XP® Rabbit mAb	WB, IP, IF-IC F	H, M, R, Hm
#13243 Kinectin 1 (D5F7J) Rabbit mAb	WB, IP, IF-IC	H, Mk, Dg
#3842 LIMK1 Antibody	WB, IP	H, M, R, Mk
#3841 Phospho-LIMK1 (Thr508)/LIMK2 (Thr505) Antibody	WB	H, (M, R)
#64099 LRP1 Antibody	WB, IP	H, M, R
#5731 LRP5 (D80F2) Rabbit mAb	WB, IP	H, M, R
#3395 LRP6 (C47E12) Rabbit mAb	WB, IP	H, M, (R)
#2568 Phospho-LRP6 (Ser1490) Antibody	WB, IP	H, (M)
#4695 p44/42 MAPK (Erk1/2) (137F5) Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, R, Hm, Mk, Mi, Dm, Z, B, Dg, Pg, Ce, (C)
#4370 Phospho-p44/42 MAPK (Erk1/2) (Thr202/ Tyr204) (D13.14.4E) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC, F	H, M, R, Hm, Mk, Mi, Dm, Z, B, Dg, Pg, Sc, (C, Ce)
#3042 MAPKAPK-2 Antibody	WB, IP F	H, M, R, Mk, (Hm)
#3007 Phospho-MAPKAPK-2 (Thr334) (27B7) Rabbit mAb	WB	H, M, R, Mk
#7419 MAPKAPK-5 (D70A10) Rabbit mAb	WB	H, R, Mk
#4836 Phospho-MARK Family (Activation Loop) Antibody	WB	H, M, R
#9118 MARK2 Antibody	WB	H, M, R, (Mk)
#4834 MARK4 Antibody	WB	H, M, R
#2604 PAK1/2/3 Antibody	WB	H, M, R, Mk, GP
#2602 PAK1 Antibody	WB, IP, IHC-P	H, M, R, Mk, GP
#2606 Phospho-PAK1 (Ser144)/PAK2 (Ser141) Antibody	WB	H, M, GP, (R)
#2605 Phospho-PAK1 (Ser199/204)/PAK2 (Ser192/197) Antibody	WB	H, M, R, GP

ANTIBODIES & KITS

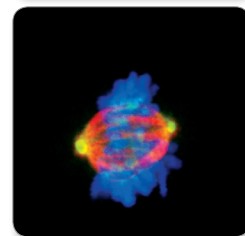
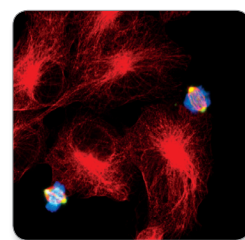
	APPLICATIONS	REACTIVITY
#2601 Phospho-PAK1 (Thr423)/PAK2 (Thr402) Antibody	WB	H, M, GP, (R)
#2608 PAK2 Antibody	WB, IP	H, M, R, Mk, GP
#2607 Phospho-PAK2 (Ser20) Antibody	WB	H, M, GP, (R)
#2609 PAK3 Antibody	WB, IP	H, M, R
#5661 Phospho-PKA C (Thr197) (D45D3) Rabbit mAb	WB	H, M, R, Mk
#4782 PKA C-α Antibody	WB, IP, IF-IC, F	H, M, R
#4257 PI3 Kinase p85 (19H8) Rabbit mAb	WB, IP	H, M, R, (C)
#4228 Phospho-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) Antibody	WB, IP	M
#4249 PI3 Kinase p110α (C73F8) Rabbit mAb	WB, IP	H, M, R, B
#9188 PTEN (D4.3) XP® Rabbit mAb	WB, IP, IHC-P	H, M, R, Mk, Dg, (C)
#9554 Phospho-PTEN (Ser380/Thr382/383) Antibody	WB, IP	H, M, R
#2117 RhoA (67B9) Rabbit mAb	WB	H, M, R, Mk, B
#2098 RhoB Antibody	WB	H, M, R, Mk
#3430 RhoC (D40E4) Rabbit mAb	WB	H, M, Mk, (R)
#4035 ROCK1 (C8F7) Rabbit mAb	WB, IP	H, M, R, Mk
#9029 ROCK2 (D1B1) Rabbit mAb	WB, IP	H, M, R, Mk, (Hm, Dg)
#79322 SORL1 (D8D4G) Rabbit mAb	WB, IF-F	H, M
#6943 Phospho-Src Family (Tyr416) (D49G4) Rabbit mAb	WB, IP	H, M, R, Mk
#13655 Stathmin (D1Y5A) Rabbit mAb	WB, IHC-P, IF-IC	H, M, R
#3353 Phospho-Stathmin (Ser16) Antibody	WB	H, M, R, Hm, Mk
#3873 α-Tubulin (DM1A) Mouse mAb	WB, IHC-P, IF-F, F	H, M, R, Mk
#5335 Acetyl-α-Tubulin (Lys40) (D20G3) XP® Rabbit mAb	WB, IP, IF-IC, F	H, M, R, Mk, Z
#15115 Acetyl-α-Tubulin (Lys40) (D20G3) XP® Rabbit mAb	WB, IHC-P, IF-F	H, M, R, Mk
#5568 β3-Tubulin (D71G9) XP® Rabbit mAb	WB, IP, IF-F	H, M, R



Phospho-Cofilin (Ser3) (77G2) Rabbit mAb #3313: WB analysis of NIH/3T3 cells, λ phosphatase-treated or untreated, and various other cell lines, using #3313.



Stathmin (D1Y5A) Rabbit mAb #13655: IHC analysis of paraffin-embedded human breast carcinoma using #13655.



Phospho-Aurora A (Thr288)/Aurora B (Thr232)/Aurora C (Thr198) (D13A11) XP® Rabbit mAb #2914: Confocal IF analysis of HT-1080 cells using #2914 (green), β-Tubulin (9F3) Rabbit mAb (Alexa Fluor® 555 Conjugate) #2116 (red), and Phospho-Histone H3 (Ser10) (6G3) Mouse mAb #9706 (blue).

APPLICATIONS & REACTIVITY KEY: WB Western Blotting / IP Immunoprecipitation / IHC Immunohistochemistry / IF Immunofluorescence / F Flow Cytometry / ChIP Chromatin Immunoprecipitation / -IC Immunocytochemistry / -P Paraffin / -F Frozen / E-P Peptide ELISA / H human / M mouse / R rat / Hm hamster / Mk monkey / C chicken / Mi mink / Dm D. melanogaster / X Xenopus / Z zebrafish / B bovine / Dg dog / Pg pig / Sc S. cerevisiae / All all species expected / () 100% sequence homology