Tie2 (D9D10) Rabbit mAb



Orders: 877-616-CELL (2355)

orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com

cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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Applications: WB	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 160	Source/Isotype: Rabbit IgG	UniProt ID: #Q02763	Entrez-Gene Id: 7010	
Product Usage Information	Application Western Blotting			Dilution 1:1000			
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BS 0.02% sodium azide. Store at -20 °C. Do not aliquot the antibody.				erol and less than	
Specificity / Sensitiv	vity Tie2	Tie2 (D9D10) Rabbit mAb recognizes endogeneous levels of total Tie2 protein.					
Source / Purification	• •	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Arg580 of human Tie2 protein.					
Tie2/Tek is a receptor tyrosine kinase (RTK) expressed almost exclusively on endothelial cells. It for vasculogenesis and could be important for maintaining endothelial cell survival and integrity is blood vessels as well as tumor angiogenesis (1-3). A family of ligands known as the angiopoieting Tie2. Interestingly, these ligands appear to have opposing actions; Angiopoietin-1 (Ang1) and Ar 4 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-2 (Ang2) and Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-2 (Ang2) and Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-2 (Ang2) and Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-2 (Ang2) and Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-2 (Ang2) and Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-2 (Ang2) and Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-2 (Ang2) and Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-2 (Ang2) and Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-2 (Ang2) and Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-2 (Ang2) and Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-2 (Ang2) and Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-2 (Ang2) and Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-3 (Ang4) and Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-3 (Ang4) and Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-3 (Ang4) and Angiopoietin-3 (Ang4) stimulate tyrosine phosphorylation of Tie2; Angiopoietin-3 (Ang4) and Angiopoietin-3 (Ang4) and Angiopoietin-3 (Ang4) and Angiopoietin-3 (Ang4) angiopoietin-3 (Ang4) angiopoietin-3 (Ang4) angiopoi						I integrity in adult ngiopoietins binds to g1) and Angiopoietin- oietin-3 (Ang3) can Grb7, Grb14, SHP-2, phosphotyrosine-	
Background Refere	2. Jo 3. Pa 4. El 5. Ko 6. Jo 7. Jo	ones, N. and Dumor artanen, J. and Dun lis, L. M. et al. (200 oh, G. Y. et al. (2002 ones, N. et al. (1999 ones, N. et al. (2003	nt, D.J. (2000) <i>Ce</i> nont, D.J. (1999) 2) <i>Oncology</i> 16, 2) <i>Exp. Mol. Med</i> b) <i>J. Biol. Chem.</i> 3 Mol. Cell. Biol.				

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Twoon® 30 at 4°C with gentle shaking avergight

0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key

WB: Western Blotting

Cross-Reactivity Key

H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse

GP: Guinea Pig Rab: rabbit All: all species expected

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