

EPHB4 (Phospho-Tyr987) Antibody

Catalog No: #12720

Package Size: #12720 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

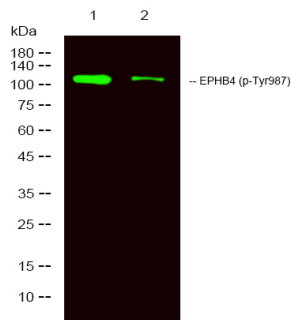
Description

Product Name	EPHB4 (Phospho-Tyr987) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Human;Mouse;Rat
Specificity	EPHB4 (Phospho-Tyr987) Antibody detects endogenous levels of EPHB4 only when phosphorylated at Tyr987
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human EPHB4 (Phospho-Tyr987)
Conjugates	Unconjugated
Target Name	EPHB4
Modification	Phospho
Other Names	EPHB4, EPH receptor B4, Ephrin receptor EphB4, Ephrin type-B receptor 4, HTK, MYK1, TYRO11, Soluble EPHB4 variant 1, Soluble EPHB4 variant 3, Hepatoma transmembrane kinase, MDK2, Soluble EPHB4 variant 2, Tyrosine-protein kinase TYRO11
Accession No.	Swiss-Prot#: P54760NCBI Gene ID: 2050
Target Species	human
Calculated MW	108kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:1000

Images



Western Blot analysis of lysates of 1. HeLa treated with LPS and 2. HeLa, using primary antibody at 1:1000 dilution.

Published Papers

el at., EphrinB2 regulates osteogenic differentiation of periodontal ligament stem cells and alveolar bone defect regeneration In beagles. In J Tissue Eng on 2019 Dec 16 by Wang P, Wang W, et al..PMID: 31897285, , (2019)

[PMID:31897285](#)

el at., Lipopolysaccharide inhibits osteogenic differentiation of periodontal ligament stem cells partially through toll-like receptor 4-mediated ephrinB2 downregulation.In Clin Oral Investig on 2020 Jan 23. by Wang W, Yuan C, et al..PMID: 31974644, , (2020)

[PMID:31974644](#)

el at., Bidirectional ephrinB2?EphB4 signaling regulates the osteogenic differentiation of canine periodontal ligament stem cells.In Int J Mol Med on 2020 Mar; by Zhu S, Liu Z, et al..PMID:31985015, , (2020)

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el at., EphrinB2 overexpression enhances osteogenic differentiation of dental pulp stem cells partially through ephrinB2-mediated reverse signaling.In Stem Cell Res Ther on 2020 Jan 29; by Wang W, Yuan C, et al..PMID:31996240, , (2020)

[PMID:31996240](#)

el at., EphrinB2 signaling enhances osteogenic/odontogenic differentiation of human dental pulp stem cells.In Arch Oral Biol. 2018 Mar by Heng BC, Wang S et al..PMID: 29272761, , (2018)

[PMID: 29272761](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.