Ephrin-B2(Phospho-Tyr330) Antibody

Catalog No: #11189



Package Size: #11189-1 50ul #11189-2 100ul #11189-4 25ul

Overview

Product Name	Ephrin-B2(Phospho-Tyr330) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu Ms
Immunogen Type	Peptide-KLH
Target Name	Ephrin-B2
Modification	Phospho-Tyr330
Alternative Names	HTKL; EPLG5; Htk-L; LERK5; MGC126226

Application Details

Predicted MW: 37kd

Western blotting: 1:500~1:1000

Images

KD 72 —	HT29	
55 —	-	Ephrin-B2 (pTyr330)
43 —		
34 —		
UV	- +	

Western blot analysis of extracts from HT29 cells, untreated or treated with UV using Ephrin-B2(Phospho-Tyr330) Antibody #11189.

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Immunogen	Peptide sequence around phosphorylation site of tyrosine 330 (N-I-Y(p)-Y-K) derived from Human Ephrin-B2
Specificity	The antibody detects endogenous levels of Ephrin-B2 only when phosphorylated at tyrosine 330.
Purifiction	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were
Formulation	Supplied at 1.0mg/mL 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 for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P52799NCBI Protein: NP_004084.1

Related Information

Adducins are a family of cytoskeleton proteins encoded by three genes (a, beta, gamma). Adducin is a heterodimeric protein that consists of related subunits, which are produced from distinct genes but share a similar structure. a- and beta-adducin include a protease-resistant N-terminal region and a protease-sensitive, hydrophilic C-terminal region. a- and gamma-adducins are ubiquitously expressed. In contrast, beta-adducin is expressed at high levels in brain and hematopoietic tissues. Adducin binds with high affinity to Ca(2+)/calmodulin and is a substrate for protein kinases A and C. Alternative splicing results in multiple variants encoding distinct isoforms; however, not all variants have been fully described.

Chrencik JE,et al.(2006) J Biol Chem;281(38):28185-28192.

Kertesz N, et al. (2006) Blood; 107(6):2330-2338.

Noren NK, et al. (2004) Proc Natl Acad Sci USA; 101(15):5583-5588.

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