Ephrin-B2(Ab-316) Antibody

Catalog No: #AB21195

Package Size: #AB21195-1 50ul #AB21195-2 100ul #AB21195-4 25ul

Orders: order@abscitech.com
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Description

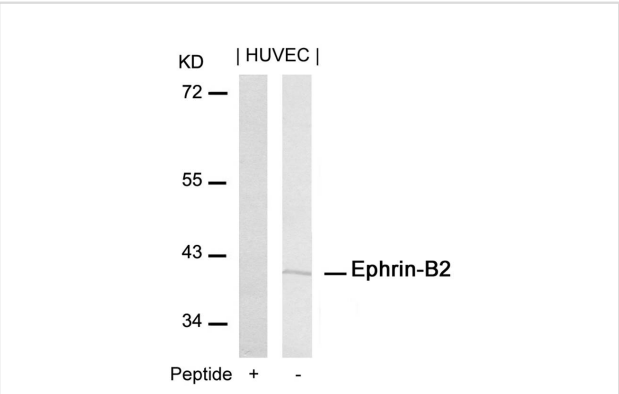
Product Name	Ephrin-B2(Ab-316) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total Ephrin-B2 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.314~318 (P-V-Y-I-V) derived from Human Ephrin B (ephrin-B2).
Target Name	Ephrin-B2
Other Names	EFNB2; HTKL; LERK5
Accession No.	Swiss-Prot: P52799NCBI Protein: NP_004084.1
Concentration	1.0mg/ml
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.

Application Details

Predicted MW: 37kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HUVEC cells using Ephrin-B2(Ab-316) Antibody #AB21195 and the same antibody preincubated with blocking peptide.

Background

Ephrin-B2 encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor

protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a lycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNB class ephrin which binds to the EPHB4 and EPHA3 receptors.

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.