

Ephrin-B2(Ab-330) Antibody

Catalog No: #21196



Package Size: #21196-1 50ul #21196-2 100ul #21196-4 25ul

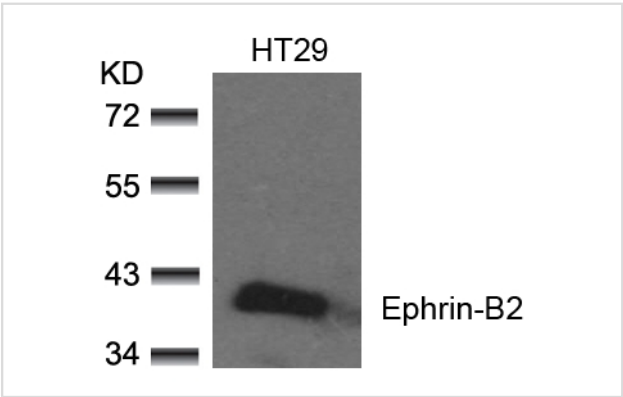
Overview

Product Name	Ephrin-B2(Ab-330) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IF
Species Reactivity	Human Mouse
Immunogen Type	Peptide-KLH
Target Name	Ephrin-B2
Alternative Names	EFNB2; HTKL; LERK5

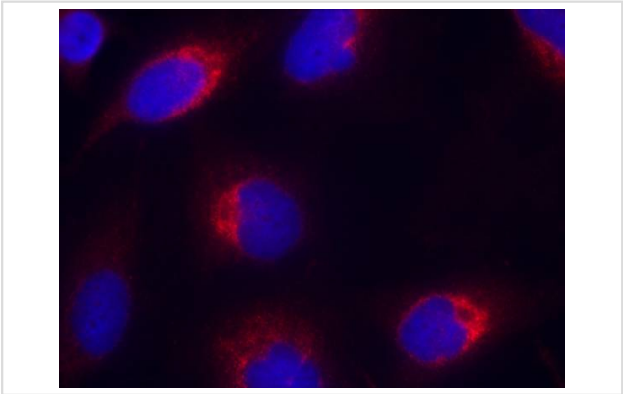
Application Details

Predicted MW: 37kd
Western blotting: 1:500~1:1000
Immunofluorescence: 1:100~1:200

Images



Western blot analysis of extracts from HT29 cells using Ephrin-B2(Ab-330) Antibody #21196.



Immunofluorescence staining of methanol-fixed HeLa cells using Ephrin-B2(Ab-330) Antibody #21196.

Descriptions

Immunogen	Peptide sequence around aa.328~332 (N-I-Y-Y-K) derived from Human Ephrin B (ephrin-B2).
Specificity	The antibody detects endogenous level of total Ephrin-B2 protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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

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 glycosylphosphatidylinositol 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.

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