For Research Use Only

EPHB1 Monoclonal antibody

Catalog Number:67080-1-Ig 1 Publications

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Basic Information

Catalog Number:
67080-1-Ig

Size:
150ul , Concentration: 2200 µg/ml by Nanodrop and 1500 µg/ml by Bradford method using BSA as the standard;

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG16347

GenBank Accession Number:
BC111744

GeneID (NCBI):
2047

UNIPROT ID:
P54762

Full Name:
EPH receptor B1

Calculated MW:
984 aa, 110 kDa

Observed MW:
110-120 kDa

Purification Method:
Protein A purification

CloneNo.:
1B7C12

Recommended Dilutions:
WB 1:1000-1:4000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB

Species Specificity:
Human, Mouse

Cited Species:
rat

Positive Controls:

WB : mouse cerebellum tissue, mouse brain tissue, fetal human brain tissue

Background Information

EPHB1, also named as EPHT2, NET, HEK6 and ELK, belongs to the protein kinase superfamily, Tyr protein kinase family, and Ephrin receptor subfamily. It is a receptor for members of the ephrin-B family. EPHB1 binds to ephrin-B1, -B2 and -B3. EPHB1 may be involved in cell-cell interactions in the nervous system. EPHB1 catalyzes the reaction: ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.

Notable Publications

Author	Pubmed ID	Journal	Application
Li Liu	38601015	Mol Vis	WB

Storage

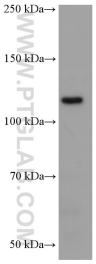
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse cerebellum tissue were subjected to SDS PAGE followed by western blot with 67080-1-Ig (EPHB1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.