

For Research Use Only

Ephrin B2 Recombinant monoclonal antibody

Catalog Number:87995-1-RR



Basic Information

Catalog Number:

87995-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24865

GenBank Accession Number:

BC074856

GeneID (NCBI):

1948

UNIPROT ID:

P52799

Full Name:

ephrin-B2

Calculated MW:

333 aa, 37 kDa

Observed MW:

47-50 kDa

Purification Method:

Protein A purification

CloneNo.:

253599B5

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, HT-29 cells, NIH/3T3 cells, mouse spleen tissue, mouse placenta tissue

Background Information

Ephrin B2 (EFNB2) is a transmembrane ligand for the Ephrin B class (EPHB) of receptor tyrosine kinases. EPHB receptor(EPHB1-EPHB4, EPH6) are located at the member of one cell and activated by binding EFNB protein located on another cell, resulting in a bidirectional Ephrin-EphR signaling (PMID: 26790531). Ephrin-B are involved in vasculogenesis, neural development and synaptic plasticity, and in pathological processes such as cancer or neurodegeneration (PMID:29508392). The calculated molecular weight of EFNB2 is 37 kDa, and there is also detected about 50 kDa band in the article (PMID: 27650867, PMID: 23492730).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

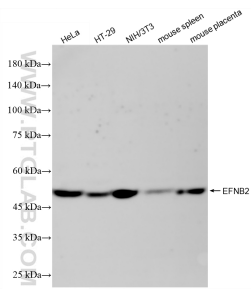
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87995-1-RR (EFNB2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.