

For Research Use Only

Ephrin B2 Recombinant monoclonal antibody, PBS Only

Catalog Number:87995-1-PBS



Basic Information

Catalog Number:

87995-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS only, pH7.3

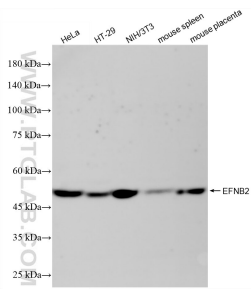
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 87995-1-PBS in a different storage buffer formulation.