

For Research Use Only

Ephrin B2 Polyclonal antibody, PBS Only

Catalog Number: 26533-1-PBS



Basic Information

Catalog Number: 26533-1-PBS	GenBank Accession Number: BC074856	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1948	
Source: Rabbit	UNIPROT ID: P52799	
Isotype: IgG	Full Name: ephrin-B2	
Immunogen Catalog Number: AG24865	Calculated MW: 333 aa, 37 kDa	
	Observed MW: 47-50 kDa	

Applications

Tested Applications:
WB, IF/ICC, 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

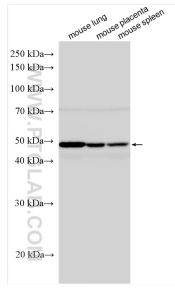
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

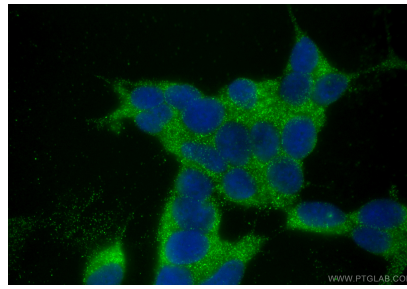
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26533-1-AP (Ephrin B2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 26533-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using Ephrin B2 antibody (26533-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 26533-1-PBS in a different storage buffer formulation.