

For Research Use Only

Neuropilin 2 Recombinant antibody, PBS Only (Detector)

Catalog Number: 86126-3-PBS



Basic Information

Catalog Number: 86126-3-PBS	GenBank Accession Number: NM_201266.1	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8828	CloneNo.: 250688C6
Source: Rabbit	UNIPROT ID: O60462-1	
Isotype: IgG	Full Name: neuropilin 2	
Immunogen Catalog Number: EG3125	Calculated MW: 105 kDa	
	Observed MW: 130 kDa	

Applications

Tested Applications:
WB, IF/ICC, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

86126-3-PBS targets Neuropilin 2 as part of a matched antibody pair:

MP02281-2: 86126-2-PBS capture and 86126-3-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Background Information

Neuropilin 2 (NRP2) is a single-chain transmembrane glycoprotein that acts as a co-receptor of VEGF. NRP2 is mainly expressed in lymphatic and venous endothelial cells, and it is associated with the occurrence and development of several types of cancer. NRP2 is known to play a role in cardiovascular development, axon guidance, tumorigenesis, inflammation and cardiovascular disease.

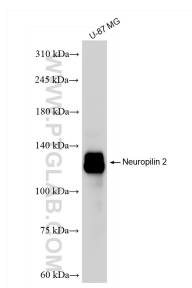
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

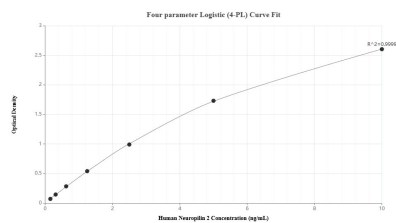
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

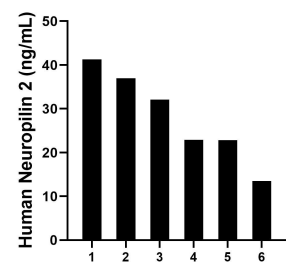
Selected Validation Data



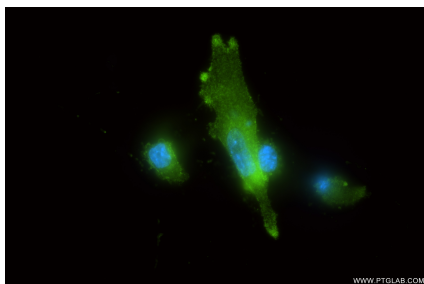
U-87 MG cells were subjected to SDS PAGE followed by western blot with 86126-3-RR (NRP2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86126-3-PBS in a different storage buffer formulation.



Sandwich ELISA standard curve of MP02281-2, Human Neuropilin 2 Recombinant Matched Antibody Pair - PBS only. 86126-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3125. 86126-3-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Serum of six individual healthy human donors was measured. The human Neuropilin 2 concentration of detected samples was determined to be 28.25 ng/mL with a range of 13.50 - 41.26 ng/mL.



Immunofluorescent analysis of (4% PFA) fixed U-87 MG cells using Neuropilin 2 antibody (86126-3-RR, Clone: 250688C6) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86126-3-PBS in a different storage buffer formulation.