

For Research Use Only

TNFRSF6B Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87840-1-PBS



Basic Information

Catalog Number: 87840-1-PBS	GenBank Accession Number: NM_003823.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8771	CloneNo.: 253457A6
Source: Rabbit	UNIPROT ID: O95407	
Isotype: IgG	Full Name: tumor necrosis factor receptor superfamily, member 6b, decoy	
Immunogen Catalog Number: EG3110	Calculated MW: 33 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications:
WB, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87840-1-PBS targets TNFRSF6B as part of a matched antibody pair:

MP03265-1: 87840-2-PBS capture and 87840-1-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

The tumor necrosis factor receptor super-family member 6b (TNFRSF6B) is over-expressed in various human cancers. TNFRSF6B mRNA and protein expression in the tumor tissues negatively correlated with apoptosis. Cell proliferation was decreased, cell cycle was arrested in G1/S-phase, apoptosis was increased, and migration ability was inhibited by anti-TNFRSF6B McAb in vitro. Anti-TNFRSF6B McAb could be useful to suppress proliferation and induce apoptosis in HCC. Thus, TNFRSF6B might be a critical, targeted therapy strategy for HCC (PMID: 20591579).

Storage

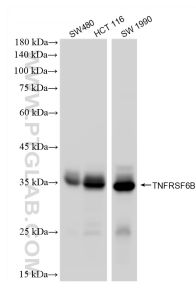
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

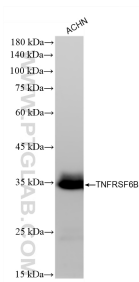
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

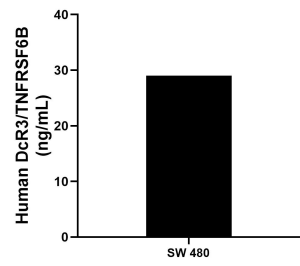
Selected Validation Data



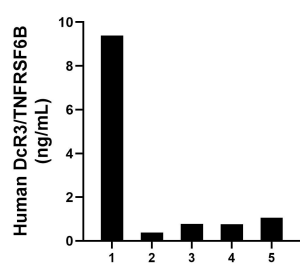
Various lysates were subjected to SDS PAGE followed by western blot with 87840-1-RR (TNFRSF6B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87840-1-PBS in a different storage buffer formulation.



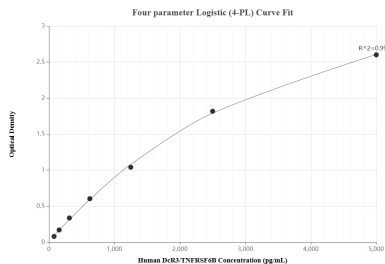
ACHN cells were subjected to SDS PAGE followed by western blot with 87840-1-RR (TNFRSF6B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87840-1-PBS in a different storage buffer formulation.



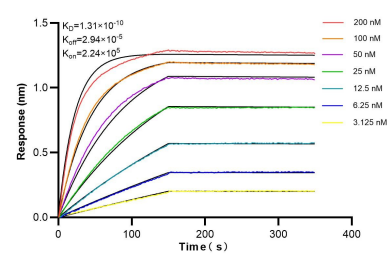
SW 480 cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human DcR3/TNFRSF6B, and measured 29.05 ng/mL.



Plasma of five individual healthy human donors was measured. The human DcR3/TNFRSF6B concentration of detected samples was determined to be 2.47 ng/mL with a range of 0.38 - 9.39 ng/mL.



Sandwich ELISA standard curve of MP03265-1, Human DcR3/TNFRSF6B Recombinant Matched Antibody Pair - PBS only. 87840-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3110. 87840-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Biolayer interferometry (BLI) kinetic assays of 87840-1-RR against Mouse TNFRSF6B were performed. The affinity constant is 0.131 nM.