

For Research Use Only

NECAB2 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 88290-1-PBS



Basic Information

Catalog Number: 88290-1-PBS	GenBank Accession Number: BC016979	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 54550	CloneNo.: 260727H8
Source: Rabbit	UNIPROT ID: Q7Z6G3	
Isotype: IgG	Full Name: N-terminal EF-hand calcium binding protein 2	
Immunogen Catalog Number: AG2909	Calculated MW: 386 aa, 42 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

88290-1-PBS targets NECAB2 as part of a matched antibody pair:

MP03437-1: 88290-2-PBS capture and 88290-1-PBS detection (validated in Cytometric bead array)

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.

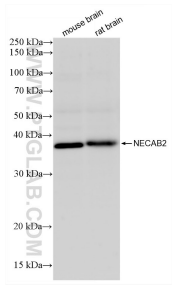
Storage

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

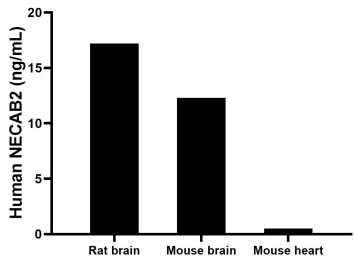
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

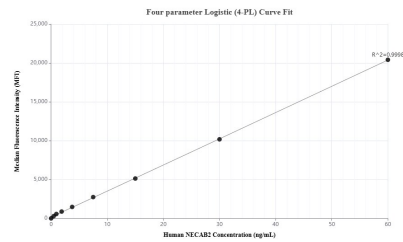
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88290-1-RR (NECAB2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88290-1-PBS in a different storage buffer formulation.



The mean NECAB2 concentration was determined to be 17.2 ng/mL in rat brain tissue extract based on a 1.0 mg/mL extract load, 12.3 ng/mL in mouse brain tissue extract based on a 1.0 mg/mL extract load, 0.5 ng/mL in mouse heart tissue extract based on a 1.0 mg/mL extract load.



Cytometric bead array standard curve of MP03437-1, NECAB2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88290-2-PBS. Detection antibody: 88290-1-PBS. Standard: Ag2909. Range: 0.469-60 ng/mL.