

For Research Use Only

CACNA1B Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 88280-2-PBS



Basic Information

Catalog Number: 88280-2-PBS	GenBank Accession Number: NM_000718	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 774	CloneNo.: 260499B6
Source: Rabbit	UNIPROT ID: Q00975	
Isotype: IgG	Full Name: calcium channel, voltage-dependent, N type, alpha 1B subunit	
Immunogen Catalog Number: AG33516	Calculated MW: 262 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

88280-2-PBS targets CACNA1B as part of a matched antibody pair:

MP03396-1: 88280-2-PBS capture and 88280-1-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

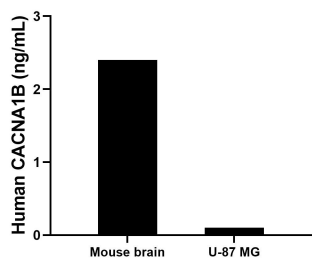
For technical support and original validation data for this product please contact:

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

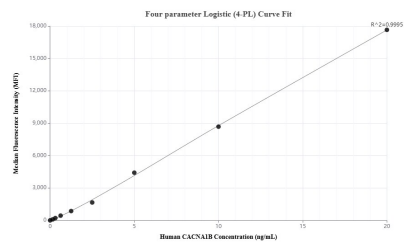
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean CACNA1B concentration was determined to be 2.4 ng/mL in mouse brain tissue extract based on a 1.0 mg/mL extract load, 0.1 ng/mL in U-87 MG cell extract based on a 1.0 mg/mL extract load.



Cytometric bead array standard curve of MP03396-1, CACNA1B Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88280-2-PBS. Detection antibody: 88280-1-PBS. Standard: Ag33516. Range: 0.156-20 ng/mL.