

For Research Use Only

Mouse CD297/ART4 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87399-2-PBS



Basic Information

Catalog Number: 87399-2-PBS	GenBank Accession Number: NM_026639.2	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 109978	CloneNo.: 252721D3
Source: Rabbit	UNIPROT ID: Q9CRA0	
Isotype: IgG	Full Name: ADP-ribosyltransferase 4	
Immunogen Catalog Number: EG6315	Calculated MW: 33 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
mouse

Product Information

87399-2-PBS targets CD297/ART4 as part of a matched antibody pair:

MP03043-1: 87399-2-PBS capture and 87399-1-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

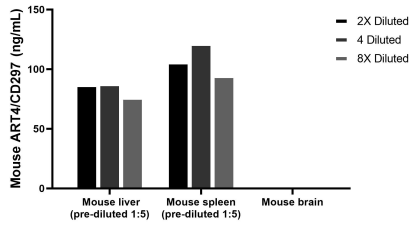
For technical support and original validation data for this product please contact:

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

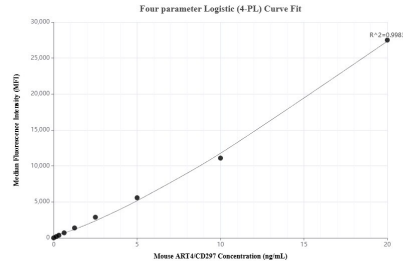
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean ART4/CD297 concentration was determined to be 83.5 ng/mL in Mouse liver tissue extract based on a 8.4 mg/mL extract load, 107.1 ng/mL in Mouse spleen tissue extract based on a 6.4 mg/mL extract load, Mouse brain tissue extract were served as a negative control.



Cytometric bead array standard curve of MP03043-1, MOUSE ART4/CD297 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87399-2-PBS. Detection antibody: 87399-1-PBS. Standard: Eg6315. Range: 0.156-20 ng/mL.