

For Research Use Only

Mouse Dcn Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 85737-2-PBS



Basic Information

Catalog Number: 85737-2-PBS	GenBank Accession Number: NM_001190451.2	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 13179	CloneNo.: 250099F7
Source: Rabbit	UNIPROT ID: P28654	
Isotype: IgG	Full Name: decorin	
Immunogen Catalog Number: EG2955	Calculated MW: 40 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
mouse

Product Information

85737-2-PBS targets Dcn as part of a matched antibody pair:

MP02099-1: 85737-3-PBS capture and 85737-2-PBS detection (validated in Cytometric bead array)

MP02099-2: 85737-1-PBS capture and 85737-2-PBS detection (validated in Cytometric bead array)

MP02099-3: 85737-2-PBS capture and 85737-5-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.

Storage

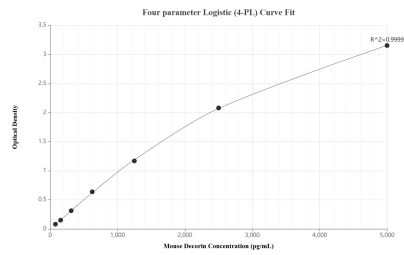
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

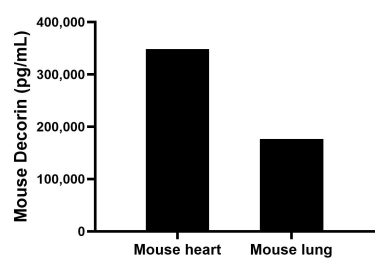
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

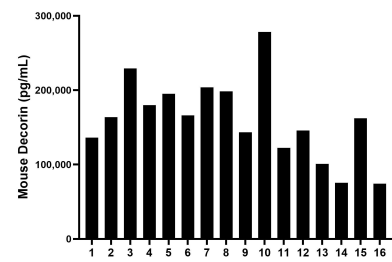
Selected Validation Data



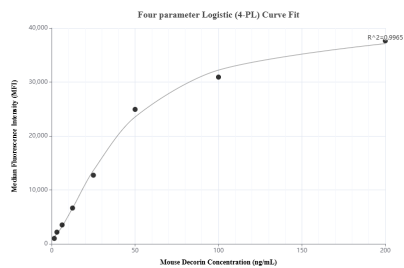
Sandwich ELISA standard curve of MP02099-3, Mouse Decorin Recombinant Matched Antibody Pair - PBS only. 85737-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2955. 85737-5-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



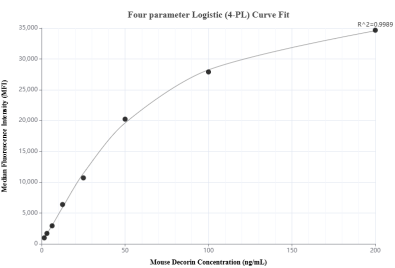
The mean Decorin concentration was determined to be 348,387.2 pg/mL in mouse heart tissue extract based on a 6.9 mg/mL extract load and 176,334.5 pg/mL in mouse lung tissue extract based on a 5.9 mg/mL extract load.



Serum of sixteen mice was measured. The Decorin concentration of detected samples was determined to be 160,975.6 pg/mL with a range of 74,144.9-278,367.9 pg/mL



Cytometric bead array standard curve of MP02099-1, MOUSE Decorin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85737-3-PBS. Detection antibody: 85737-2-PBS. Standard: Eg2955. Range: 1.563-200 ng/mL



Cytometric bead array standard curve of MP02099-2, MOUSE Decorin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85737-1-PBS. Detection antibody: 85737-2-PBS. Standard: Eg2955. Range: 1.563-200 ng/mL