

For Research Use Only

Mouse Podocalyxin Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87582-4-PBS



Basic Information

Catalog Number: 87582-4-PBS	GenBank Accession Number: NM_013723.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 27205	CloneNo.: 252967G4
Source: Rabbit	UNIPROT ID: Q9ROM4	
Isotype: IgG	Full Name: podocalyxin-like	
Immunogen Catalog Number: EG7526	Calculated MW: 53 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
mouse

Product Information

87582-4-PBS targets Podocalyxin as part of a matched antibody pair:

MP03126-2: 87582-5-PBS capture and 87582-4-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

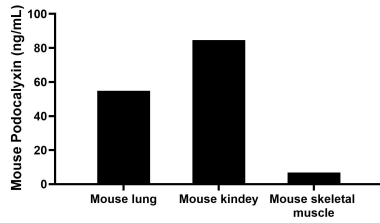
For technical support and original validation data for this product please contact:

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

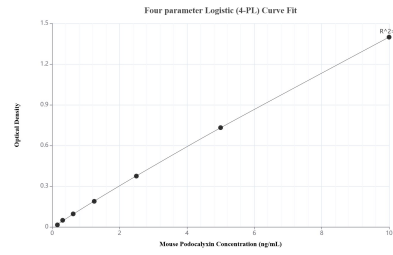
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean Podocalyxin concentration was determined to be 54.90 ng/mL in mouse lung extract based on a 5.00 mg/mL extract load, 84.60 ng/mL in mouse kidney extract based on a 8.40 mg/mL extract load and 6.90 ng/mL in mouse skeletal muscle extract based on a 4.10 mg/mL extract load.



Sandwich ELISA standard curve of MP03126-2, Mouse Podocalyxin Recombinant Matched Antibody Pair - PBS only. 87582-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg7526. 87582-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.