

For Research Use Only

Mouse Mpl Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87664-1-PBS



Basic Information

Catalog Number: 87664-1-PBS	GenBank Accession Number: CAA52031.1	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 17480	CloneNo.: 252493G12
Source: Rabbit	UNIPROT ID: CAA52031.1	
Isotype: IgG	Full Name: myeloproliferative leukemia virus oncogene	
Immunogen Catalog Number: EG2891	Calculated MW: 70 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
mouse

Product Information

87664-1-PBS targets Mpl as part of a matched antibody pair:

MP03112-1: 87664-2-PBS capture and 87664-1-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

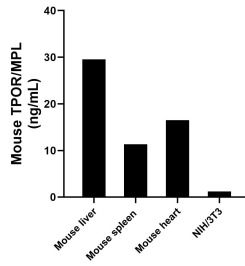
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

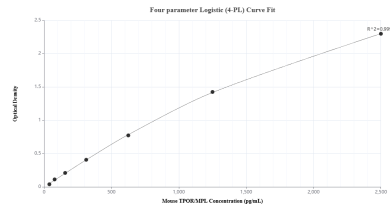
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean TPOR/MPL concentration was determined to be 29.55 ng/mL in mouse liver tissue extract based on a 8.4 mg/mL extract load, 11.34 ng/mL in mouse spleen tissue extract based on a 8.5 mg/mL extract load, 16.49 ng/mL in mouse heart tissue extract based on a 5.4 mg/mL extract load and 1.18 ng/mL in NIH/3T3 cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP03112-1, Mouse TPOR/MPL Recombinant Matched Antibody Pair - PBS only. 87664-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2891. 87664-1-PBS was HRP conjugated as the detection antibody. Range: 39-2500 pg/mL