

For Research Use Only

Mouse CD19 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83254-4-PBS



Basic Information

Catalog Number: 83254-4-PBS	GenBank Accession Number: NM_009844.2	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 12478	CloneNo.: 240135C6
Source: Rabbit	UNIPROT ID: P25918	
Isotype: IgG	Full Name: CD19 antigen	
	Calculated MW: 60 kDa	

Applications

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

Species Specificity:
mouse

Product Information

83254-4-PBS targets CD19 as part of a matched antibody pair:

MP00253-3: 83254-1-PBS capture and 83254-4-PBS detection (validated in Cytometric bead array)

MP00253-4: 83254-4-PBS capture and 83254-3-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

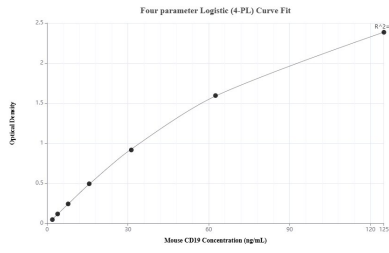
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

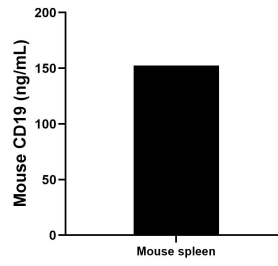
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

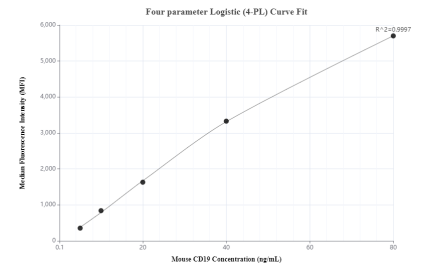
Selected Validation Data



Sandwich ELISA standard curve of MP00253-4, Mouse CD19 Recombinant Matched Antibody Pair - PBS only. 83254-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0907. 83254-3-PBS was HRP conjugated as the detection antibody. Range: 1.95-125 ng/mL



The mean CD19 concentration was determined to be 152.33 ng/mL in mouse spleen tissue extract based on a 2.9 mg/mL extract load.



Cytometric bead array standard curve of MP00253-3, Mouse CD19 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83254-1-PBS. Detection antibody: 83254-4-PBS. Standard: Eg0907. Range: 5-80 ng/mL