

For Research Use Only

Mouse CD19 Recombinant antibody, PBS Only (Capture)

Catalog Number:83254-2-PBS



Basic Information

Catalog Number: 83254-2-PBS	GenBank Accession Number: NM_009844.2	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 12478	CloneNo.: 240135C5
Source: Rabbit	UNIPROT ID: P25918	
Isotype: IgG	Full Name: CD19 antigen	
	Calculated MW: 60 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
mouse

Product Information

83254-2-PBS targets CD19 as part of a matched antibody pair:

MP00253-1: 83254-2-PBS capture and 83254-1-PBS detection (validated in Cytometric bead array)

MP00253-2: 83254-2-PBS capture and 83254-3-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

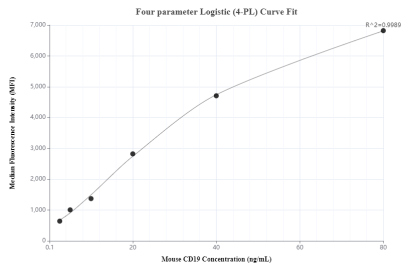
For technical support and original validation data for this product please contact:

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

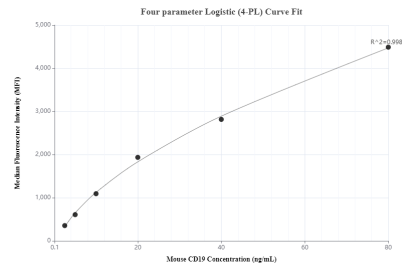
E: proteintech@ptglab.com
W: ptglab.com

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

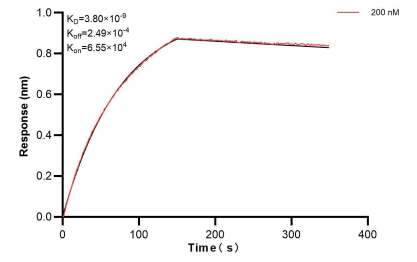
Selected Validation Data



Cytometric bead array standard curve of MP00253-1, Mouse CD19 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83254-2-PBS. Detection antibody: 83254-1-PBS. Standard: Eg0907. Range: 2.5-80 ng/mL.



Cytometric bead array standard curve of MP00253-2, Mouse CD19 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83254-2-PBS. Detection antibody: 83254-3-PBS. Standard: Eg0907. Range: 2.5-80 ng/mL.



Bi-layer interferometry (BLI) kinetic assay of 83254-2-PBS against Mouse CD19 was performed. The affinity constant is 3.80 nM.