

For Research Use Only

CD4 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 68688-1-PBS



Basic Information

Catalog Number: 68688-1-PBS	GenBank Accession Number: BC025782	Purification Method: Protein G purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 920	CloneNo.: 1E11B4
Source: Mouse	ENSEMBL Gene ID: ENSG00000010610	Affinity: $K_D = 1.39 \times 10^{-10}M$
Isotype: IgG1	UNIPROT ID: P01730	$K_{off} = 4.36 \times 10^{-6}M$
	Full Name: CD4 molecule	$K_{on} = 3.13 \times 10^4M$
	Calculated MW: 55 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

68688-1-PBS targets CD4 as part of a matched antibody pair:

MP50077-1: 65147-1-PBS capture and 68688-1-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

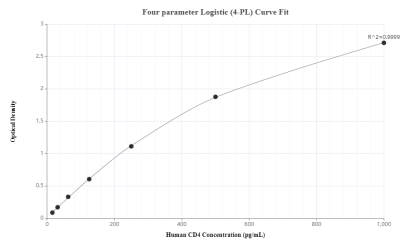
Storage:
Store at -80°C.

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 MP50077-1, CD4 Monoclonal Matched Antibody Pair - PBS only. 65147-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0333. 68688-1-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL