

For Research Use Only

CD8A Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86063-4-PBS



Basic Information

Catalog Number: 86063-4-PBS	GenBank Accession Number: NM_001145873.1	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 925	CloneNo.: 243018E8
Source: Rabbit	ENSEMBL Gene ID: ENSG00000153563	
Isotype: IgG	UNIPROT ID: P01732-1	
Immunogen Catalog Number: EG0819	Full Name: CD8a molecule	
	Calculated MW: 26 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

86063-4-PBS targets CD8A as part of a matched antibody pair:

MP02428-1: 86063-5-PBS capture and 86063-4-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.

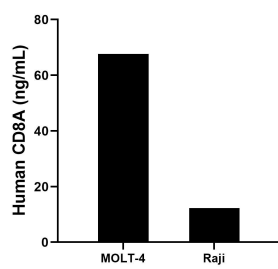
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

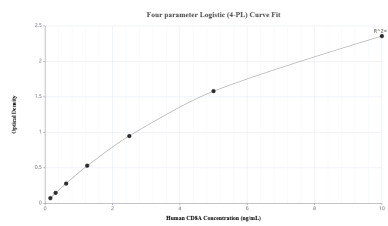
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

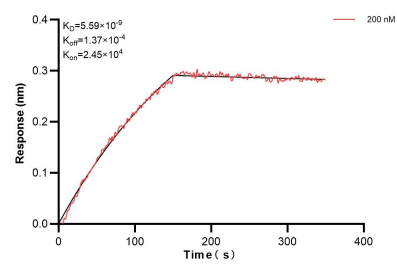
Selected Validation Data



The mean CD8A concentration was determined to be 67.70 ng/mL in MOLT-4 cell extract based on a 3.2 mg/mL extract load and 12.30 ng/mL in Raji cell extract based on a 1.8 mg/mL extract load.



Sandwich ELISA standard curve of MP02428-1, Human CD8A Recombinant Matched Antibody Pair - PBS only. 86063-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0819. 86063-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Biolayer Interferometry (BLI) kinetic assay of 86063-4-PBS against Human CD8A was performed. The affinity constant is 5.59 nM.