

For Research Use Only

CD55 Recombinant antibody, PBS Only (Capture)

Catalog Number: 82781-10-PBS



Basic Information

Catalog Number: 82781-10-PBS	GenBank Accession Number: BC001288	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1604	CloneNo.: 250682B3
Source: Rabbit	UNIPROT ID: P08174	
Isotype: IgG	Full Name: CD55 molecule, decay accelerating factor for complement (Cromer blood group)	
Immunogen Catalog Number: EG4246	Calculated MW: 41 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

82781-10-PBS targets CD55 as part of a matched antibody pair:

MP02253-2: 82781-10-PBS capture and 82781-8-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

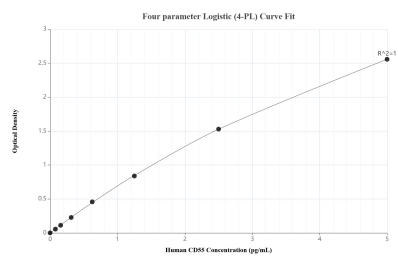
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

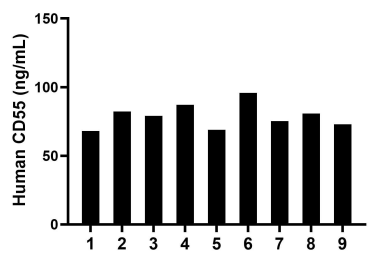
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Sandwich ELISA standard curve of MP02253-2, Human CD55 Recombinant Matched Antibody Pair - PBS only. 82781-10-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg4246. 82781-8-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Plasma of nine individual healthy human donors was measured. The CD55 concentration of detected samples was determined to be 78.9 ng/mL with a range of 68.2-95.8 ng/mL