

For Research Use Only

# CD55 Recombinant antibody, PBS Only (Detector)

Catalog Number: 82781-8-PBS



## Basic Information

<b>Catalog Number:</b> 82781-8-PBS	<b>GenBank Accession Number:</b> BC001288	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1604	<b>CloneNo.:</b> 250682F3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P08174	
<b>Isotype:</b> IgG	<b>Full Name:</b> CD55 molecule, decay accelerating factor for complement (Cromer blood group)	
<b>Immunogen Catalog Number:</b> EG4246	<b>Calculated MW:</b> 41 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

82781-8-PBS targets CD55 as part of a matched antibody pair:

MP02253-1: 82781-9-PBS capture and 82781-8-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

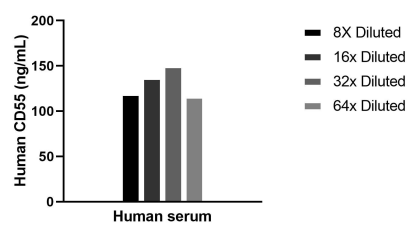
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

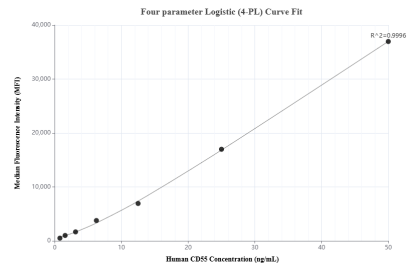
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

# Selected Validation Data



The mean CD55 concentration was determined to be 130.1 ng/mL in human serum.



Cytometric bead array standard curve of MP02253-1, CD55 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82781-9-PBS. Detection antibody: 82781-8-PBS. Standard: Eg4246. Range: 0.781-50 ng/mL.