

For Research Use Only

# CD24 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86730-9-PBS



## Basic Information

<b>Catalog Number:</b> 86730-9-PBS	<b>GenBank Accession Number:</b> BC007674	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 100133941	<b>CloneNo.:</b> 251783E6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P25063	
<b>Isotype:</b> IgG	<b>Full Name:</b> CD24 molecule	
	<b>Calculated MW:</b> 8 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
human

## Product Information

86730-9-PBS targets CD24 as part of a matched antibody pair:

MP03190-1: 86730-9-PBS capture and 86730-8-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

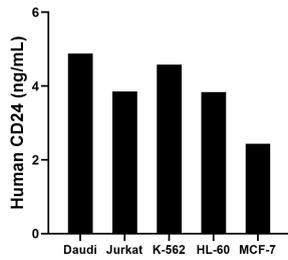
For technical support and original validation data for this product please contact:

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

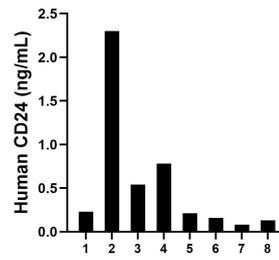
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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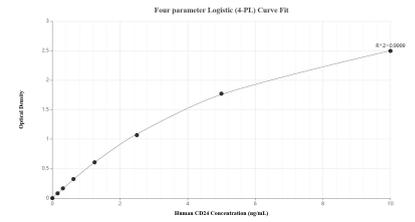
## Selected Validation Data



The mean CD24 concentration was determined to be 4.88 ng/mL in Daudi cell extract based on a 1.10 mg/mL extract load, 3.85 ng/mL in Jurkat cell extract based on a 1.20 mg/mL extract load, 4.58 ng/mL in K-562 cell extract based on a 1.20 mg/mL extract load, 3.84 ng/mL in HL-60 cell extract based on a 1.20 mg/mL extract load and 2.44 ng/mL in MCF-7 cell extract based on a 1.20 mg/mL extract load.



Plasma of eight individual healthy human donors was measured. The CD24 concentration of detected samples was determined to be 0.55 ng/mL with a range of 0.08-2.30 ng/mL.



Sandwich ELISA standard curve of MP03190-1, Human CD24 Recombinant Matched Antibody Pair - PBS only. 86730-9-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0654. 86730-8-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.