

For Research Use Only

# Mouse CD34 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83713-4-PBS



## Basic Information

**Catalog Number:**

83713-4-PBS

**Size:**

100ug, Concentration: 1 mg/ml by  
Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_133654

**GeneID (NCBI):**

12490

**UNIPROT ID:**

Q64314

**Full Name:**

CD34 antigen

**Calculated MW:**

41 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

240659E8

## Applications

**Tested Applications:**

Cytometric bead array, Sandwich ELISA, Indirect ELISA,  
Sample test

**Species Specificity:**

mouse

## Product Information

83713-4-PBS targets CD34 as part of a matched antibody pair:

MP00684-1: 83713-2-PBS capture and 83713-4-PBS detection (validated in Cytometric bead array)

MP00684-3: 83713-5-PBS capture and 83713-4-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

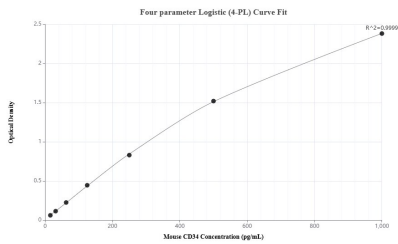
For technical support and original validation data for this product please contact:

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

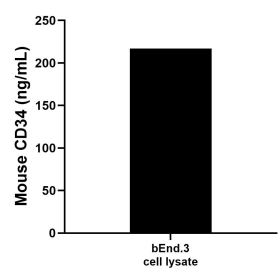
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

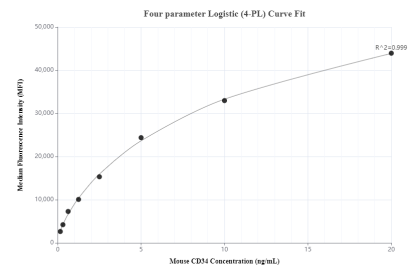
## Selected Validation Data



Sandwich ELISA standard curve of MP00684-3, Mouse CD34 Recombinant Matched Antibody Pair - PBS only. 83713-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0854. 83713-4-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



bEnd.3 cell lysate was measured. The mouse CD34 concentration of detected samples was determined to be 216.89 ng/mL (based on a 1.8 mg/mL extract load).



Cytometric bead array standard curve of MP00684-1, MOUSE CD34 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83713-2-PBS. Detection antibody: 83713-4-PBS. Standard: Eg0854. Range: 0.156-20 ng/mL