

For Research Use Only

# CD31 Monoclonal antibody, PBS Only (Detector)



Catalog Number: 66065-4-PBS

## Basic Information

<b>Catalog Number:</b> 66065-4-PBS	<b>GenBank Accession Number:</b> BC022512	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5175	<b>CloneNo.:</b> 2B1G10
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000261371	
<b>Isotype:</b> IgG2b	<b>UNIPROT ID:</b> P16284	
<b>Immunogen Catalog Number:</b> AG1787	<b>Full Name:</b> platelet/endothelial cell adhesion molecule	
	<b>Calculated MW:</b> 83 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

66065-4-PBS targets CD31 as part of a matched antibody pair:

MP50319-1: 66065-3-PBS capture and 66065-4-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

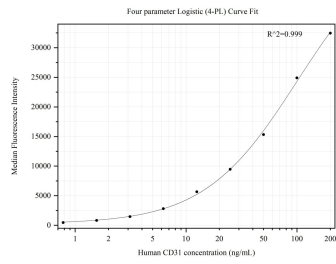
**Storage:**  
Store at -80°C.

**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  
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



Cytometric bead array standard curve of MP50319-1, CD31 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66065-3-PBS. Detection antibody: 66065-4-PBS. Standard:Ag1787. Range: 0.781-200 ng/mL.