

For Research Use Only

# C21orf45 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87900-2-PBS



## Basic Information

<b>Catalog Number:</b> 87900-2-PBS	<b>GenBank Accession Number:</b> BC042917	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 54069	<b>CloneNo.:</b> 260121A4
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q9NYP9	
<b>Immunogen Catalog Number:</b> AG22922	<b>Full Name:</b> chromosome 21 open reading frame 45	
	<b>Calculated MW:</b> 233 aa, 26 kDa	

## Applications

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

**Species Specificity:**  
human

## Background Information

### Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

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

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

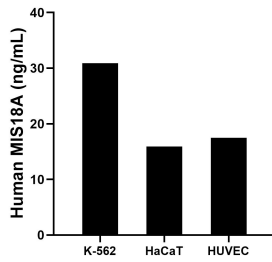
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

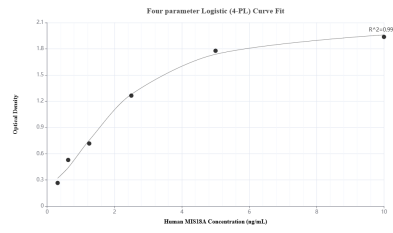
W: [ptgcn.com](http://ptgcn.com)

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

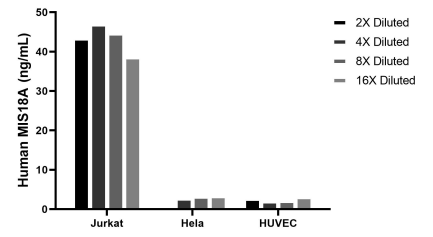
## Selected Validation Data



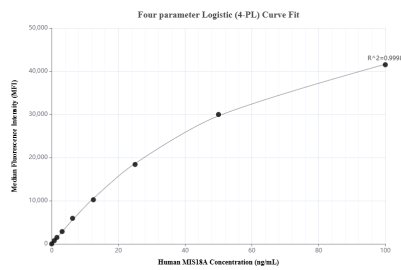
The mean MIS18A concentration was determined to be 30.86 ng/mL in K-562 cell extract based on a 1.2 mg/mL extract load, 15.92 ng/mL in HaCaT cell extract based on a 1.4 mg/mL extract load and 17.54 ng/mL in HUVEC cell extract based on a 1.5 mg/mL extract load.



Sandwich ELISA standard curve of MP03248-2, Human MIS18A Recombinant Matched Antibody Pair - PBS only. 87900-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag22922. 87900-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean MIS18A concentration was determined to be 43.3 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load, 3.1 ng/mL in Hela cell extract based on a 1.2 mg/mL extract load, 2.5 ng/mL in HUVEC cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP03248-1, MIS18A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87900-3-PBS. Detection antibody: 87900-2-PBS. Standard: Ag22922. Range: 0.781-100 ng/mL