

For Research Use Only

# Aquaporin 4 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number:82296-3-PBS



## Basic Information

Catalog Number: 82296-3-PBS	GenBank Accession Number: BC022286	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 361	CloneNo.: 240856B2
Source: Rabbit	UNIPROT ID: P55087	
Isotype: IgG	Full Name: Aquaporin 4	
Immunogen Catalog Number: AG9561	Calculated MW: 323 aa, 35 kDa	

## Applications

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

**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

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

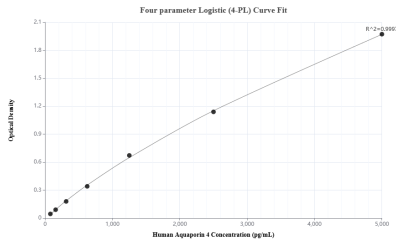
T: 4006900926

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

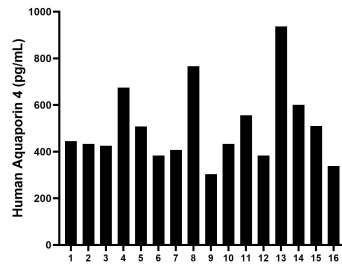
W: [ptgcn.com](http://ptgcn.com)

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

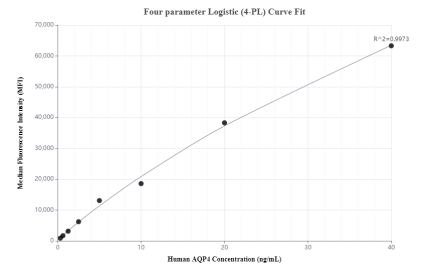
## Selected Validation Data



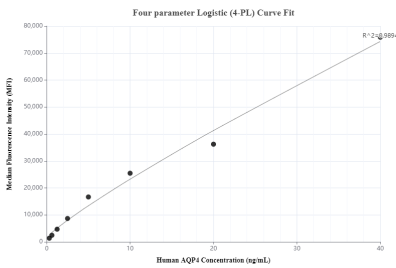
Sandwich ELISA standard curve of MP00781-4, Human Aquaporin 4 Recombinant Matched Antibody Pair - PBS only. 82296-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag9561. 82296-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



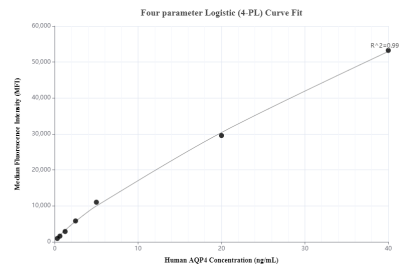
Serum of sixteen humans was measured. The human Aquaporin 4 concentration of detected samples was determined to be 506.6 pg/mL with a range of 303.9 - 937.2 pg/mL



Cytometric bead array standard curve of MP00781-1, AQP4/Aquaporin 4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82296-5-PBS. Detection antibody: 82296-3-PBS. Standard: Ag9561. Range: 0.313-40 ng/mL



Cytometric bead array standard curve of MP00781-2, AQP4/Aquaporin 4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82296-3-PBS. Detection antibody: 82296-2-PBS. Standard: Ag9561. Range: 0.313-40 ng/mL



Cytometric bead array standard curve of MP00781-3, AQP4/Aquaporin 4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82296-4-PBS. Detection antibody: 82296-3-PBS. Standard: Ag9561. Range: 0.313-40 ng/mL