

For Research Use Only

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

Catalog Number: 82296-3-PBS



Basic Information

Catalog Number:

82296-3-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9561

GenBank Accession Number:

BC022286

GeneID (NCBI):

361

UNIPROT ID:

P55087

Full Name:

Aquaporin 4

Calculated MW:

323 aa, 35 kDa

Purification Method:

Protein A purification

CloneNo.:

240856B2

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:

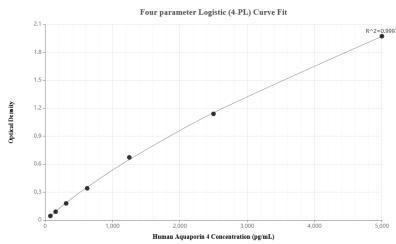
T: 4006900926

E: Proteintech-CN@ptglab.com

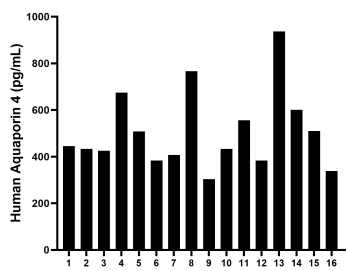
W: ptgcn.com

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

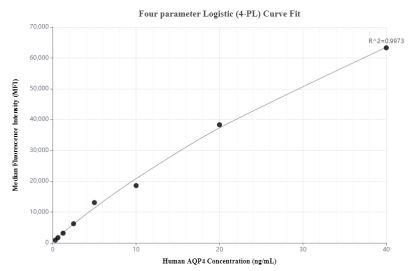
Selected Validation Data



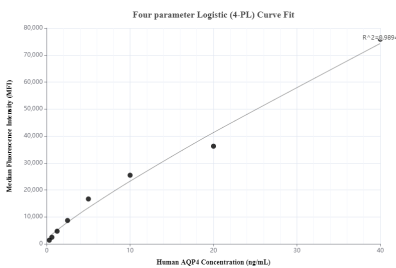
Sandwich ELISA standard curve of MP00781-4, Human Aquaporin 4 Recombinant Matched Antibody Pair - PBS only. 82296-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag9561. 82296-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



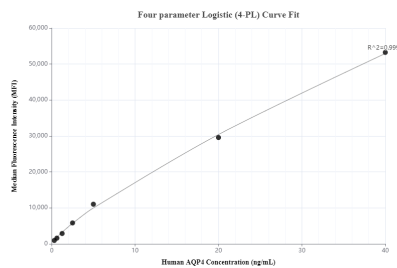
Serum of sixteen humans was measured. The human Aquaporin 4 concentration of detected samples was determined to be 506.6 pg/mL with a range of 303.9 - 937.2 pg/mL



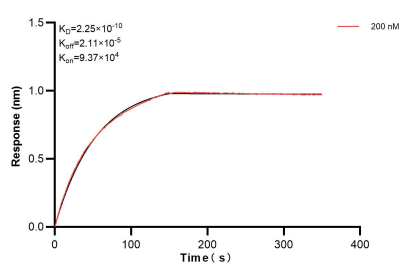
Cytometric bead array standard curve of MP00781-1, AQP4/Aquaporin 4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82296-5-PBS. Detection antibody: 82296-3-PBS. Standard: Ag9561. Range: 0.313-40 ng/mL



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



Bi-layer interferometry (BLI) kinetic assay of 82296-3-PBS against Human Aquaporin 4 was performed. The affinity constant is 0.225 nM.