

For Research Use Only

CLCA1 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83829-1-PBS



Basic Information

Catalog Number:

83829-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18176

GenBank Accession Number:

BC156805

GeneID (NCBI):

1179

UNIPROT ID:

A8K7I4

Full Name:

chloride channel accessory 1

Calculated MW:

914 aa, 100 kDa

Purification Method:

Protein A purification

CloneNo.:

240941A11

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:

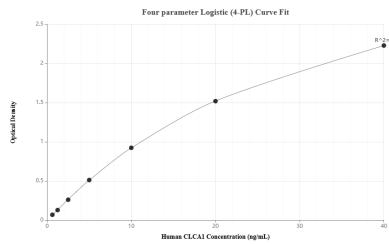
T: 4006900926

E: Proteintech-CN@ptglab.com

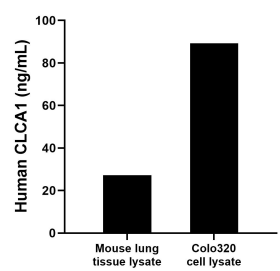
W: ptgcn.com

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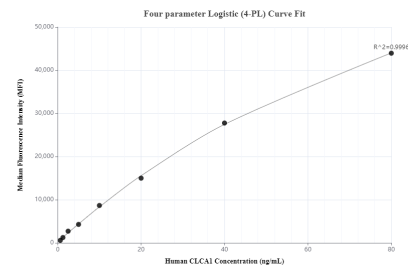
Selected Validation Data



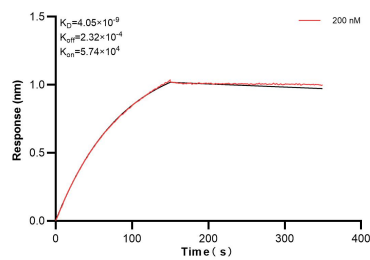
Sandwich ELISA standard curve of MP00794-4, Human CLCA1 Recombinant Matched Antibody Pair - PBS only. 83829-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag18176. 83829-6-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL



Mouse lung tissue lyaste and Colo320 cell lysate were measured. The human CLCA1 concentration of detected samples was determined to be 27.24 ng/mL (based on a 1.9 mg/mL extract load) in mouse lung tissue lyaste and 89.26 ng/mL (based on a 4.8 mg/mL extract load) in Colo320 cell lysate.



Cytometric bead array standard curve of MP00794-1, CLCA1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83829-4-PBS. Detection antibody: 83829-1-PBS. Standard: Ag18176. Range: 0.625-80 ng/mL



Biolayer interferometry (BLI) kinetic assay of 83829-1-PBS against Human CLCA1 was performed. The affinity constant is 4.05 nM.