

For Research Use Only

Claudin 1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87782-1-PBS



Basic Information

Catalog Number:

87782-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29269

GenBank Accession Number:

BC012471

GeneID (NCBI):

9076

UNIPROT ID:

O95832

Full Name:

claudin 1

Calculated MW:

211 aa, 23 kDa

Purification Method:

Protein A purification

CloneNo.:

253345C8

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:

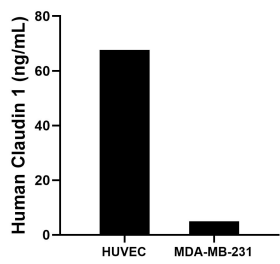
T: 4006900926

E: Proteintech-CN@ptglab.com

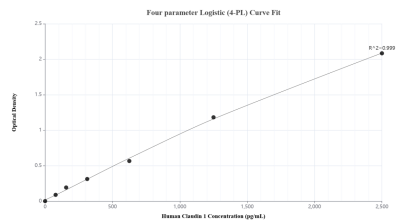
W: ptgcn.com

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

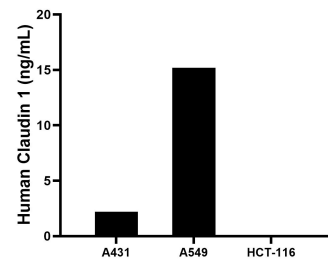
Selected Validation Data



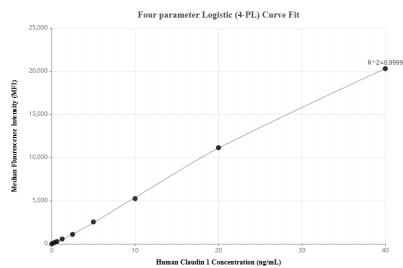
The mean Claudin 1 concentration was determined to be 67.6 ng/mL in HUVEC cell extract based on a 1.5 mg/mL extract load and 5.0 ng/mL in MDA-MB-231 cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP03201-1, Human Claudin 1 Recombinant Matched Antibody Pair - PBS only. 87782-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag29269. 87782-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-2500 pg/mL.



The mean Claudin 1 concentration was determined to be 2.2 ng/mL in A431 cell extract based on a 1.5 mg/mL extract load, 15.2 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load, HCT-116 cell extract were served as a negative control.



Cytometric bead array standard curve of MP03201-1, Claudin 1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87782-2-PBS. Detection antibody: 87782-1-PBS. Standard: Ag29269. Range: 0.312-40 ng/mL.