

For Research Use Only

CD98/SLC3A2 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84387-4-PBS



Basic Information

Catalog Number:

84387-4-PBS

Size:

100ug, Concentration: 1 mg/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_002394.5

GeneID (NCBI):

6520

UNIPROT ID:

P08195-1

Full Name:

solute carrier family 3 (activators of
dibasic and neutral amino acid
transport), member 2

Calculated MW:

68kDa

Purification Method:

Protein A purification

CloneNo.:

241755G8

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA,
Sample test

Species Specificity:

human

Product Information

84387-4-PBS targets CD98/SLC3A2 as part of a matched antibody pair:

MP01259-1: 84387-3-PBS capture and 84387-4-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP01259-2: 84387-1-PBS capture and 84387-4-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

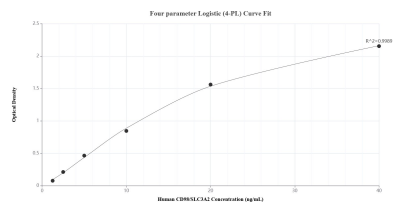
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

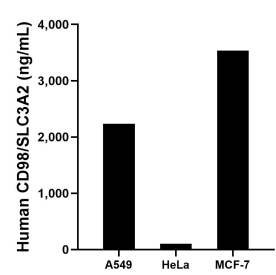
E: proteintech@ptglab.com
W: ptglab.com

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

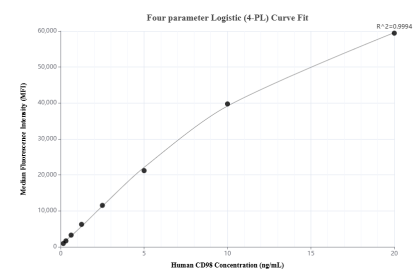
Selected Validation Data



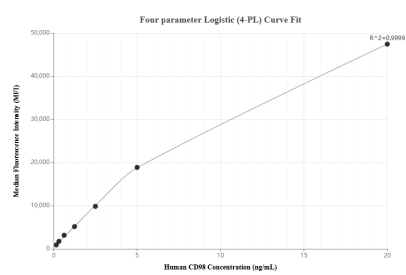
Sandwich ELISA standard curve of MP01259-1, Human CD98/SLC3A2 Recombinant Matched Antibody Pair - PBS only. 84387-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1948. 84387-4-PBS was HRP conjugated as the detection antibody. Range: 1.25-40 ng/mL



The mean CD98/SLC3A2 concentration was determined to be 2,237.79 ng/mL in A549 cell extract based on a 2.50 mg/mL extract load, 103.17 ng/mL in HeLa cell extract based on a 2.80 mg/mL extract load and 3,533.79 ng/mL in MCF-7 cell extract based on a 3.20 mg/mL extract load.



Cytometric bead array standard curve of MP01259-1, CD98/SLC3A2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84387-3-PBS. Detection antibody: 84387-4-PBS. Standard: Eg1948. Range: 0.156-20 ng/mL



Cytometric bead array standard curve of MP01259-2, CD98/SLC3A2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84387-1-PBS. Detection antibody: 84387-4-PBS. Standard: Eg1948. Range: 0.156-20 ng/mL