

For Research Use Only

Mouse CD98/SLC3A2 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84040-4-PBS



Basic Information

Catalog Number:

84040-4-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1374

GenBank Accession Number:

NM_008577.4

GeneID (NCBI):

17254

UNIPROT ID:

P10852-1

Full Name:

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

Calculated MW:

58 kDa

Purification Method:

Protein A purification

CloneNo.:

241247F2

Applications

Tested Applications:

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

Species Specificity:

mouse

Product Information

84040-4-PBS targets CD98/SLC3A2 as part of a matched antibody pair:

MP00969-1: 84040-2-PBS capture and 84040-4-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

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, pH7.3

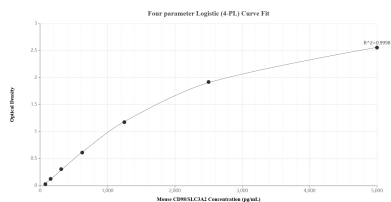
For technical support and original validation data for this product please contact:

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

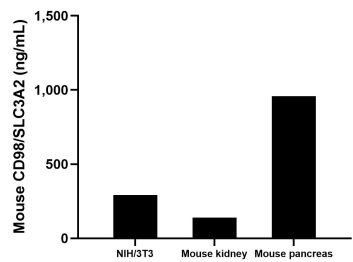
E: proteintech@ptglab.com
W: ptglab.com

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

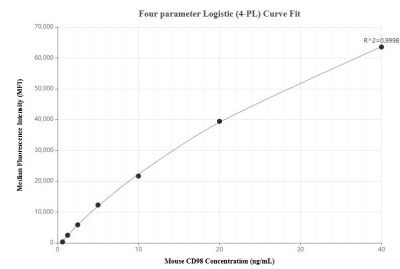
Selected Validation Data



Sandwich ELISA standard curve of MP00969-1, Mouse CD98/SLC3A2 Recombinant Matched Antibody Pair - PBS only. 84040-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1374. 84040-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean CD98/SLC3A2 concentration was determined to be 291.1 ng/mL in NIH/3T3 cell extract based on a 4.0 mg/mL extract load, 140.2 ng/mL in mouse kidney tissue extract based on a 3.1 mg/mL extract load and 958.6 ng/mL in mouse pancreas tissue extract based on a 2.3 mg/mL extract load.



Cytometric bead array standard curve of MP00969-1, MOUSE CD98/SLC3A2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84040-2-PBS. Detection antibody: 84040-4-PBS. Standard: Eg1374. Range: 0.625-40 ng/mL