For Research Use Only

ADAM8 Monoclonal antibody, PBS Only (Detector)

Catalog Number:68113-3-PBS

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Basic Information

Catalog Number:
68113-3-PBS

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

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG17262

GenBank Accession Number:
BC115404

GeneID (NCBI):
101

UNIPROT ID:
P78325

Full Name:
ADAM metallopeptidase domain 8

Calculated MW:
824 aa, 89 kDa

Purification Method:
Protein G purification

CloneNo.:
2E3F3

Affinity:
K_D= 9.04 x 10^{-11}M

K_{Off}= 4.69 x 10^{-6}M

K_{On}= 5.18 x 10^{4}M

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

68113-3-PBS targets ADAM8 as part of a matched antibody pair:

MP50122-1: 68113-2-PBS capture and 68113-3-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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.

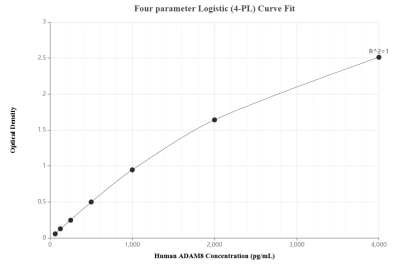
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

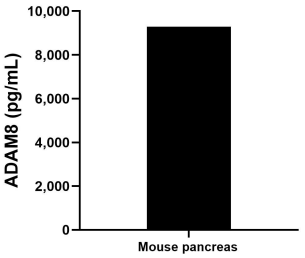
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

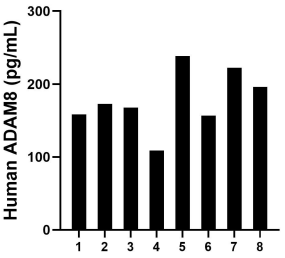
Selected Validation Data



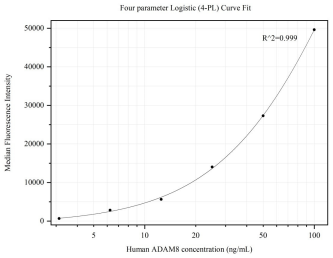
Sandwich ELISA standard curve of MP50122-1, Human ADAM8 Monoclonal Matched Antibody Pair - PBS only. 68113-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag17262. 68113-3-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL.



The mean ADAM8 concentration was determined to be 9,287.6 pg/mL in mouse pancreas tissue extract based on a 2.3 mg/mL extract load.



Serum of eight individual healthy human donors was measured. The ADAM8 concentration of detected samples was determined to be 177.6 pg/mL with a range of 108.9-238.5 pg/mL.



Cytometric bead array standard curve of MP50122-1, ADAM8 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68113-2-PBS. Detection antibody: 68113-3-PBS. Standard:Ag17262. Range: 3.125-100 ng/mL.