

ADAM8 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50122-1**

Capture Antibody Information

Catalog Number:
68113-2-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
1G2F8
Reactivity:
human
Immunogen Catalog Number:
Ag17262

Conjugate:
Unconjugated
Full name:
ADAM metallopeptidase domain 8
Gene ID:
101
Affinity:
 $K_D = 1.69 \times 10^{-10} \text{M}$
 $K_{Off} = 5.61 \times 10^{-6} \text{M}$
 $K_{On} = 3.32 \times 10^4 \text{M}$

Detection Antibody Information

Catalog Number:
68113-3-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
2E3F3
Reactivity:
human
GenBank:
BC115404
Immunogen Catalog Number:
Ag17262

Conjugate:
Unconjugated
Full name:
ADAM metallopeptidase domain 8
Gene ID:
101
Affinity:
 $K_D = 9.04 \times 10^{-11} \text{M}$
 $K_{Off} = 4.69 \times 10^{-6} \text{M}$
 $K_{On} = 5.18 \times 10^4 \text{M}$

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
3.125-100 ng/mL (Cytometric Bead Array)
62.5-4000 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP50122-1 targets ADAM8 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: ADAM8 Monoclonal antibody, PBS Only (Capture) 68113-2-PBS (1G2F8). 100 µg. Concentration 1 mg/mL.

Detection antibody: ADAM8 Monoclonal antibody, PBS Only (Detector) 68113-3-PBS (2E3F3). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

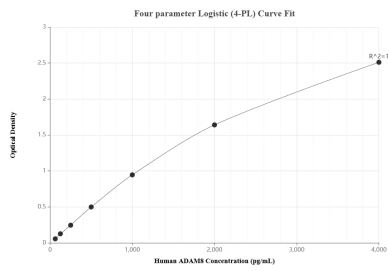
For technical support and original validation data for this product please contact:

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

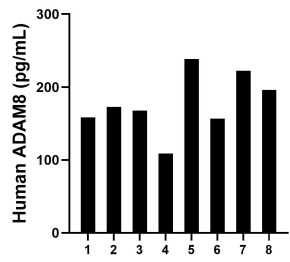
E: proteintech@ptglab.com
W: ptglab.com

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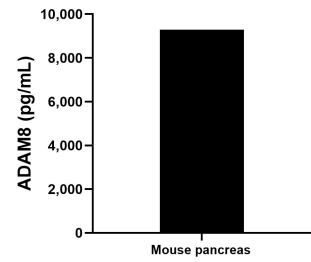
Selected Validation Data



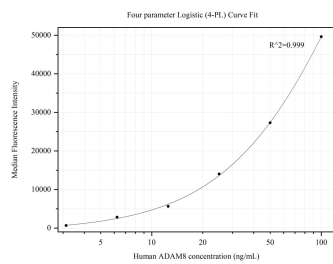
Sandwich ELISA standard curve of MP50122-1, Human ADAM8 Monoclonal Matched Antibody Pair - PBS only. 68113-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag17262. 68113-3-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL



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



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.



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