

CD13 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP02566-2

Capture Antibody Information

Catalog Number:
86620-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251501D5
Reactivity:
human
GenBank:
BC058928
Immunogen Catalog Number:
Eg3748

Conjugate:
Unconjugated
Full name:
alanyl (membrane) aminopeptidase
Gene ID:
290

Detection Antibody Information

Catalog Number:
86620-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251501A1
Reactivity:
human
GenBank:
BC058928
Immunogen Catalog Number:
Eg3748

Conjugate:
Unconjugated
Full name:
alanyl (membrane) aminopeptidase
Gene ID:
290

Applications

Tested Applications:
Sandwich ELISA

Range:
0.156-10 ng/mL (Sandwich ELISA)

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

Product Information

MP02566-2 targets CD13 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CD13 Recombinant monoclonal antibody, PBS Only (Capture) 86620-4-PBS (251501D5). 100 μ g. Concentration 1 mg/mL.

Detection antibody: CD13 Recombinant monoclonal antibody, PBS Only (Detector) 86620-6-PBS (251501A1). 100 μ g. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

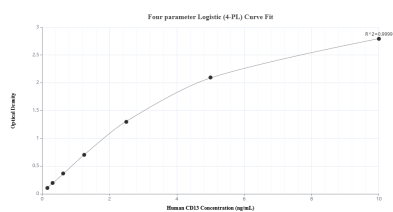
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

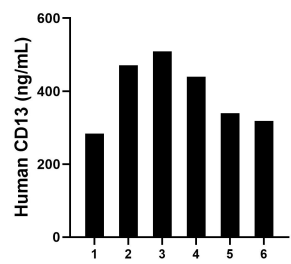
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

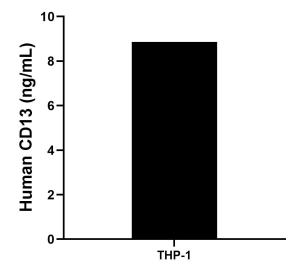
Selected Validation Data



Sandwich ELISA standard curve of MP02566-2, Human CD13 Recombinant Matched Antibody Pair - PBS only. 86620-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3748. 86620-6-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Plasma of six individual healthy human donors was measured. The human CD13 concentration of detected samples was determined to be 393.55 ng/mL with a range of 283.65 - 508.88 ng/mL



The mean CD13 concentration was determined to be 8.86 ng/mL in THP-1 cell extract based on a 1.2 mg/mL extract load.