

Claudin 3 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02752-1**

Capture Antibody Information

Catalog Number:
86697-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251540B3

Reactivity:
human

GenBank:
BC016056

Conjugate:
Unconjugated

Full name:
claudin 3

Gene ID:
1365

Detection Antibody Information

Catalog Number:
86697-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251540F9

Reactivity:
human

GenBank:
BC016056

Conjugate:
Unconjugated

Full name:
claudin 3

Gene ID:
1365

Applications

Tested Applications:
Sandwich ELISA

Range:
9.77-625 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

MP02752-1 targets Claudin 3 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Claudin 3 Recombinant monoclonal antibody, PBS Only (Capture) 86697-3-PBS (251540B3). 100 µg. Concentration 1 mg/mL.

Detection antibody: Claudin 3 Recombinant monoclonal antibody, PBS Only (Detector) 86697-2-PBS (251540F9). 100 µg. 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:

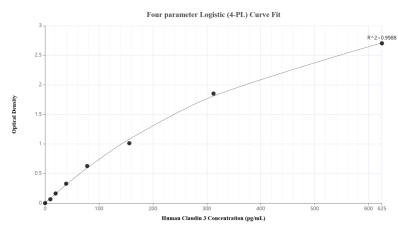
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

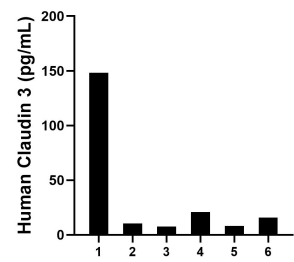
Storage buffer:

PBS only

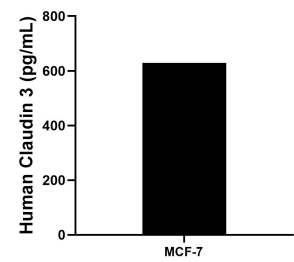
Selected Validation Data



Sandwich ELISA standard curve of MP02752-1, Human Claudin 3 Recombinant Matched Antibody Pair - PBS only. 86697-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY02662. 86697-2-PBS was HRP conjugated as the detection antibody. Range: 9.77-625 pg/mL



Plasma of six individual healthy human donors was measured. The Claudin 3 concentration of detected samples was determined to be 35.2 pg/mL with a range of 7.7-148.3 pg/mL.



The mean Claudin 3 concentration was determined to be 628.9 pg/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load.