

CLEC12A Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00662-4

Capture Antibody Information

Catalog Number:
83680-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240791B7
Reactivity:
human
GenBank:
BC126291

Conjugate:
Unconjugated
Full name:
C-type lectin domain family 12, member A
Gene ID:
160364

Detection Antibody Information

Catalog Number:
83680-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240791F3
Reactivity:
human
GenBank:
BC126291

Conjugate:
Unconjugated
Full name:
C-type lectin domain family 12, member A
Gene ID:
160364

Applications

Tested Applications:
Sandwich ELISA

Range:
9.8-625 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

MP00662-4 targets CLEC12A in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CLEC12A Recombinant antibody, PBS Only (Capture) 83680-3-PBS (240791B7). 100 µg. Concentration 1 mg/mL.

Detection antibody: CLEC12A Recombinant antibody, PBS Only (Detector) 83680-6-PBS (240791F3). 100 µg. Concentration 1 mg/mL.

Alternative CLEC12A matched antibody pairs: MP00662-1, MP00662-2, MP00662-3, MP50111-1

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.

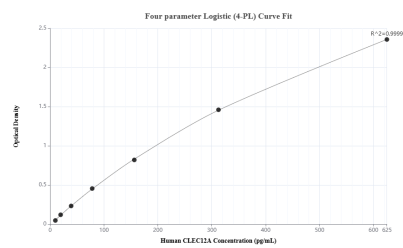
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

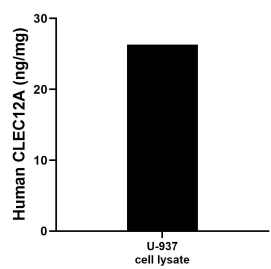
Storage

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

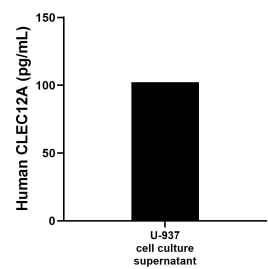
Selected Validation Data



Sandwich ELISA standard curve of MP00662-4, Human CLEC12A Recombinant Matched Antibody Pair - PBS only. 83680-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0024. 83680-6-PBS was HRP conjugated as the detection antibody. Range: 9.8-625 pg/mL



U-937 cell lysate was measured. The human CLEC12A concentration was determined to be 26.30 ng/mg total protein.



U-937 human histiocytic lymphoma cells were cultured in RPMI supplemented with 10% fetal bovine serum and 2 mM L-glutamine, and incubated at 37 °C. An aliquot of the cell culture supernate was removed, assayed for human CLEC12A, and measured 102.2 pg/mL