

ART4/CD297 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP02589-1

Capture Antibody Information

Catalog Number:
85273-5-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250103C9
Reactivity:
human
GenBank:
NM_021071.4
Immunogen Catalog Number:
Eg2665

Conjugate:
Unconjugated
Full name:
ADP-ribosyltransferase 4 (Dombrock blood group)
Gene ID:
420

Detection Antibody Information

Catalog Number:
85273-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
250103F1
Reactivity:
human
GenBank:
NM_021071.4
Immunogen Catalog Number:
Eg2665

Conjugate:
Unconjugated
Full name:
ADP-ribosyltransferase 4 (Dombrock blood group)
Gene ID:
420

Applications

Tested Applications:
Sandwich ELISA

Range:
0.781-50 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

MP02589-1 targets ART4/CD297 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ART4 Recombinant antibody, PBS Only (Capture) 85273-5-PBS (250103C9). 100 µg. Concentration 1 mg/mL.

Detection antibody: ART4 Recombinant antibody, PBS Only (Detector) 85273-4-PBS (250103F1). 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.

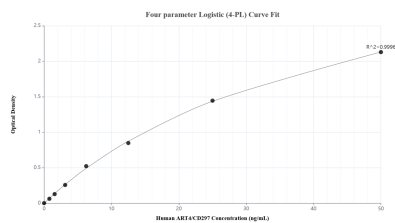
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

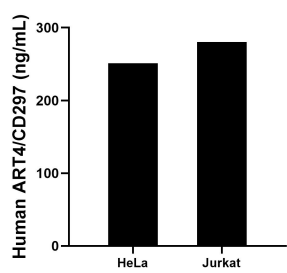
Storage

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 MP02589-1, Human ART4/CD297 Recombinant Matched Antibody Pair - PBS only. 85273-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2665. 85273-4-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



The mean ART4/CD297 concentration was determined to be 251.26 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load and 280.28 ng/mL in Jurkat cell extract based on a 1.20 mg/mL extract load.