

For Research Use Only

Mouse ART4/CD297 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03043-1

Capture Antibody Information

Catalog Number:
87399-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
252721D3

Reactivity:
mouse

Immunogen Catalog Number:
Eg6315

Conjugate:
Unconjugated

Full name:
ADP-ribosyltransferase 4

Gene ID:
109978

Detection Antibody Information

Catalog Number:
87399-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
252721F4

Reactivity:
mouse

GenBank:
NM_026639.2

Immunogen Catalog Number:
Eg6315

Conjugate:
Unconjugated

Full name:
ADP-ribosyltransferase 4

Gene ID:
109978

Applications

Tested Applications:
Cytometric bead array

Range:
0.156-20 ng/mL (Cytometric Bead Array)

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

Product Information

MP03043-1 targets ART4/CD297 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Mouse CD297/ART4 Recombinant monoclonal antibody, PBS Only (Capture) 87399-2-PBS (252721D3). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse CD297/ART4 Recombinant monoclonal antibody, PBS Only (Detector) 87399-1-PBS (252721F4). 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.
Storage buffer:
PBS only

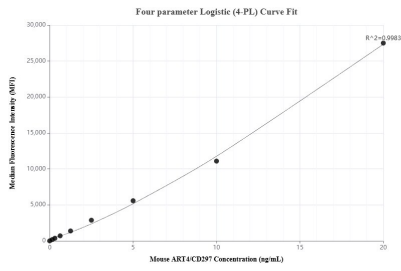
For technical support and original validation data for this product please contact:

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

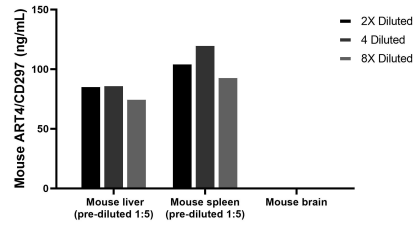
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Cytometric bead array standard curve of MP03043-1, MOUSE ART4/CD297 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87399-2-PBS. Detection antibody: 87399-1-PBS. Standard: Eg6315. Range: 0.156-20 ng/mL



The mean ART4/CD297 concentration was determined to be 83.5 ng/mL in Mouse liver tissue extract based on a 8.4 mg/mL extract load, 107.1 ng/mL in Mouse spleen tissue extract based on a 6.4 mg/mL extract load, Mouse brain tissue extract were served as a negative control.