

ART4 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50324-1**

Capture Antibody Information

Catalog Number:
66949-2-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
1E10F1
Reactivity:
human
GenBank:
BC074727
Immunogen Catalog Number:
Ag28173

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

Detection Antibody Information

Catalog Number:
66949-3-PBS
Host:
Mouse
Isotype:
IgG3
Purification Method:
Protein A purification

Clone ID:
1A4E3
Reactivity:
human
GenBank:
BC074727
Immunogen Catalog Number:
Ag28173

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

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.781-25 ng/mL (Cytometric Bead Array)
0.391-25 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

MP50324-1 targets ART4 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: ART4 Monoclonal antibody, PBS Only (Capture) 66949-2-PBS (1E10F1). 100 µg. Concentration 1 mg/mL.

Detection antibody: ART4 Monoclonal antibody, PBS Only (Detector) 66949-3-PBS (1A4E3). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

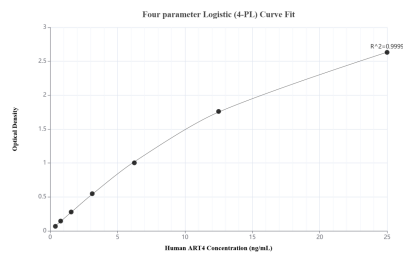
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

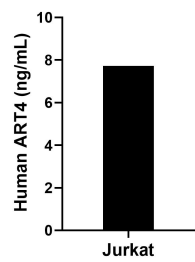
Storage

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

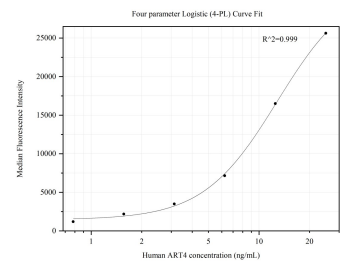
Selected Validation Data



Sandwich ELISA standard curve of MP50324-1, Human ART4 Monoclonal Matched Antibody Pair - PBS only. 66949-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag28173. 66949-3-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



The mean ART4 concentration was determined to be 7.72 ng/mL in Jurkat cell extract based on a 1.90 mg/mL extract load.



Cytometric bead array standard curve of MP50324-1, ART4 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66949-2-PBS. Detection antibody: 66949-3-PBS. Standard: Ag28173. Range: 0.781-25 ng/mL