

Mouse CD43/Leukosialin Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02000-2**

Capture Antibody Information

Catalog Number:
85442-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242851B4

Reactivity:
mouse

GenBank:
NM_001037810.2

Immunogen Catalog Number:
Eg1395

Conjugate:
Unconjugated

Full name:
sialophorin

Gene ID:
20737

Detection Antibody Information

Catalog Number:
85442-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242851G3

Reactivity:
mouse

GenBank:
NM_001037810.2

Immunogen Catalog Number:
Eg1395

Conjugate:
Unconjugated

Full name:
sialophorin

Gene ID:
20737

Applications

Tested Applications:
Cytometric bead array, Sandwich
ELISA

Range:
0.781-100 ng/mL (Cytometric Bead
Array)
1.25-40 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

MP02000-2 targets CD43/Leukosialin in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Mouse CD43/Leukosialin Recombinant antibody, PBS Only (Capture) 85442-2-PBS (242851B4).
100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse CD43/Leukosialin Recombinant antibody, PBS Only (Detector) 85442-3-PBS (242851G3).
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.

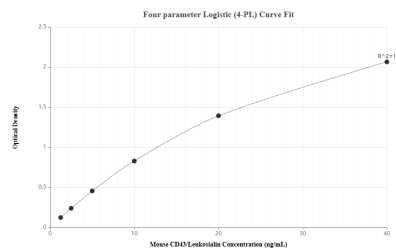
Antibody use should be optimized for each application and assay.

Storage

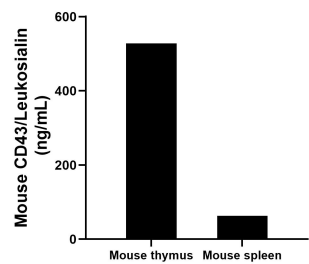
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

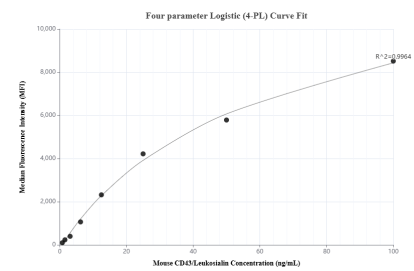
Selected Validation Data



Sandwich ELISA standard curve of MP02000-2, Mouse CD43/Leukosialin Recombinant Matched Antibody Pair - PBS only. 85442-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1395. 85442-3-PBS was HRP conjugated as the detection antibody. Range: 1.25-40 ng/mL



The mean CD43/Leukosialin concentration was determined to be 528.09 ng/mL in mouse thymus tissue extract based on a 5.8 mg/mL extract load and 62.92 ng/mL in mouse spleen tissue extract based on a 8.4 mg/mL extract load.



Cytometric bead array standard curve of MP02000-2, MOUSE CD43/Leukosialin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85442-2-PBS. Detection antibody: 85442-3-PBS. Standard: Eg1395. Range: 0.781-100 ng/mL