

GDF8/Myostatin Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: MP50116-1

Capture Antibody Information

Catalog Number:
68760-1-PBS

Host:
Mouse

Isotype:
IgG1

Purification Method:
Protein G Magarose purification

Clone ID:
2E12C5

Reactivity:
human

GenBank:
BC074757

Immunogen Catalog Number:
Ag25330

Conjugate:
Unconjugated

Full name:
myostatin

Gene ID:
2660

Affinity:
 $K_D = 1.91 \times 10^{-10}$
 $K_{Off} = 3.49 \times 10^{-6}$
 $K_{On} = 1.83 \times 10^4$

Detection Antibody Information

Catalog Number:
68760-2-PBS

Host:
Mouse

Isotype:
IgG1

Purification Method:
Protein A purification

Clone ID:
3D8E9

Reactivity:
human

GenBank:
BC074757

Immunogen Catalog Number:
Ag25330

Conjugate:
Unconjugated

Full name:
myostatin

Gene ID:
2660

Affinity:
 $K_D = 2.80 \times 10^{-10}$
 $K_{Off} = 5.47 \times 10^{-6}$
 $K_{On} = 1.95 \times 10^4$

Applications

Tested Applications:
Cytometric bead array

Range:
3.125-50 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

MP50116-1 targets GDF8/Myostatin in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: MSTN Monoclonal antibody, PBS Only (Capture) 68760-1-PBS (2E12C5). 100 µg. Concentration 1 mg/mL.

Detection antibody: GDF8/Myostatin Monoclonal antibody, PBS Only (Detector) 68760-2-PBS (3D8E9). 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.

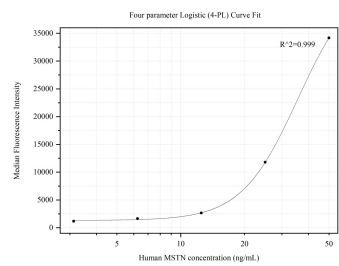
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

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



Cytometric bead array standard curve of MP50116-1, MSTN/GDF8/Myostatin Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68760-1-PBS. Detection antibody: 68760-2-PBS. Standard:Ag25330. Range: 3.125-50 ng/mL.