

MYL3 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50642-3**

Capture Antibody Information

Catalog Number:
66286-1-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
2E4B2
Reactivity:
human, mouse, rat, pig
GenBank:
BC009790
Immunogen Catalog Number:
Ag24535

Conjugate:
Unconjugated
Full name:
myosin, light chain 3, alkali;
ventricular, skeletal, slow
Gene ID:
4634

Detection Antibody Information

Catalog Number:
66286-5-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G Magarose purification

Clone ID:
2D1A2
Reactivity:
human
GenBank:
BC009790
Immunogen Catalog Number:
Ag24535

Conjugate:
Unconjugated
Full name:
myosin, light chain 3, alkali;
ventricular, skeletal, slow
Gene ID:
4634

Applications

Tested Applications:
Cytometric bead array, Sandwich
ELISA

Range:
0.098-6.25 ng/mL (Cytometric Bead
Array)
0.313-20 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

MP50642-3 targets MYL3 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: MYL3 Monoclonal antibody, PBS Only (Capture) 66286-1-PBS (2E4B2). 100 µg. Concentration 1 mg/mL.

Detection antibody: MYL3 Monoclonal antibody, PBS Only (Detector) 66286-5-PBS (2D1A2). 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.

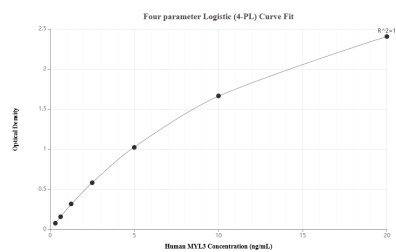
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

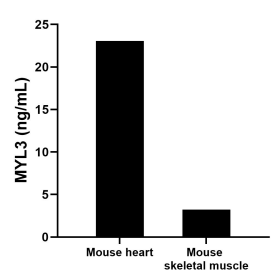
Storage

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

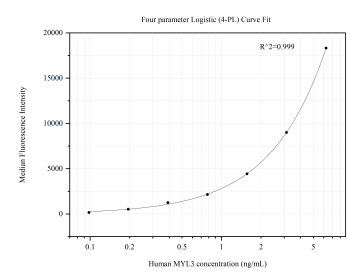
Selected Validation Data



Sandwich ELISA standard curve of MP50642-3, Human MYL3 Monoclonal Matched Antibody Pair - PBS only. 66286-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag24535. 66286-5-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean MYL3 concentration was determined to be 23.06 ng/mL in mouse heart tissue extract based on a 6.9 mg/mL extract load and 3.2 ng/mL in mouse skeletal muscle tissue extract based on a 1.7 mg/mL extract load.



Cytometric bead array standard curve of MP50642-3, MYL3 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66286-1-PBS. Detection antibody: 66286-5-PBS. Standard: Ag24535. Range: 0.098-6.25 ng/mL