

CYP1A1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03554-1**

Capture Antibody Information

Catalog Number:
88462-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
261000E4
Reactivity:
human
GenBank:
BC023019
Immunogen Catalog Number:
Ag3990

Conjugate:
Unconjugated
Full name:
cytochrome P450, family 1, subfamily A, polypeptide 1
Gene ID:
1543

Detection Antibody Information

Catalog Number:
88462-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
261000A1
Reactivity:
human
GenBank:
BC023019
Immunogen Catalog Number:
Ag3990

Conjugate:
Unconjugated
Full name:
cytochrome P450, family 1, subfamily A, polypeptide 1
Gene ID:
1543

Applications

Tested Applications:
Cytometric bead array

Range:
0.781-100 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

MP03554-1 targets CYP1A1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: CYP1A1 Recombinant monoclonal antibody, PBS Only (Capture) 88462-3-PBS (261000E4). 100 µg. Concentration 1 mg/mL.

Detection antibody: CYP1A1 Recombinant monoclonal antibody, PBS Only (Detector) 88462-2-PBS (261000A1). 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.

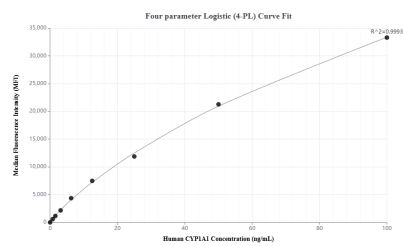
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

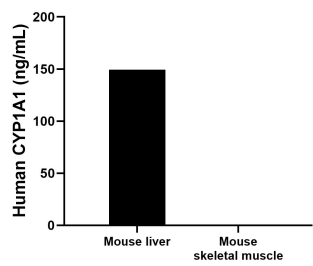
Storage

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



Cytometric bead array standard curve of MP03554-1, CYP1A1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88462-3-PBS. Detection antibody: 88462-2-PBS. Standard: Ag3990. Range: 0.781-100 ng/mL.



The mean CYP1A1 concentration was determined to be 149.2 ng/mL in mouse liver tissue extract based on a 1.0 mg/mL extract load, mouse skeletal muscle tissue extract were served as a negative control.