

Catalase Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03219-1**

Capture Antibody Information

Catalog Number:
83329-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
253464D10
Reactivity:
human
GenBank:
BC112219
Immunogen Catalog Number:
Ag15383

Conjugate:
Unconjugated
Full name:
catalase
Gene ID:
847

Detection Antibody Information

Catalog Number:
83329-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
253464A8
Reactivity:
human
GenBank:
BC112219
Immunogen Catalog Number:
Ag15383

Conjugate:
Unconjugated
Full name:
catalase
Gene ID:
847

Applications

Tested Applications:
Cytometric bead array

Range:
0.078-10 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

MP03219-1 targets Catalase in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Catalase Recombinant monoclonal antibody, PBS Only (Capture) 83329-4-PBS (253464D10). 100 µg. Concentration 1 mg/mL.

Detection antibody: Catalase Recombinant monoclonal antibody, PBS Only (Detector) 83329-3-PBS (253464A8). 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.

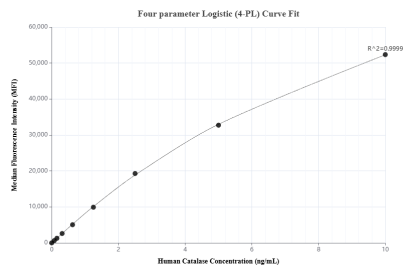
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

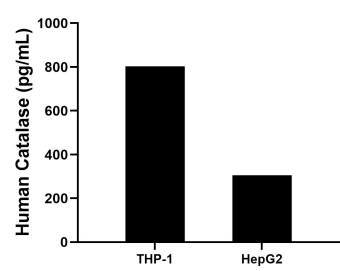
Storage

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 MP03219-1, Catalase Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83329-4-PBS. Detection antibody: 83329-3-PBS. Standard: Ag15383. Range: 0.078-10 ng/mL.



The mean Catalase concentration was determined to be 803.0 pg/mL in THP-1 cell extract based on a 1.2 mg/mL extract load, 306.1 pg/mL in HepG2 cell extract based on a 1.2 mg/mL extract load.