

ATP6V1B2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP02956-1

Capture Antibody Information

Catalog Number:
87302-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252572D4
Reactivity:
human
GenBank:
BC003100
Immunogen Catalog Number:
Ag7174

Conjugate:
Unconjugated
Full name:
ATPase, H⁺ transporting, lysosomal
56/58kDa, V1 subunit B2
Gene ID:
526

Detection Antibody Information

Catalog Number:
87302-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252572F7
Reactivity:
human
GenBank:
BC003100
Immunogen Catalog Number:
Ag7174

Conjugate:
Unconjugated
Full name:
ATPase, H⁺ transporting, lysosomal
56/58kDa, V1 subunit B2
Gene ID:
526

Applications

Tested Applications:
Cytometric bead array

Range:
0.312-40 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

MP02956-1 targets ATP6V1B2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: ATP6V1B2 Recombinant monoclonal antibody, PBS Only (Capture) 87302-2-PBS (252572D4). 100 µg. Concentration 1 mg/mL.

Detection antibody: ATP6V1B2 Recombinant monoclonal antibody, PBS Only (Detector) 87302-1-PBS (252572F7). 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.

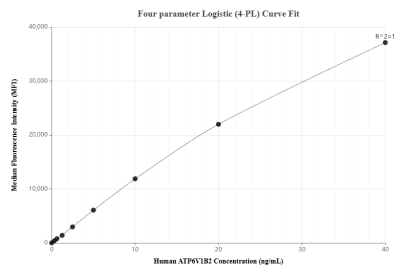
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

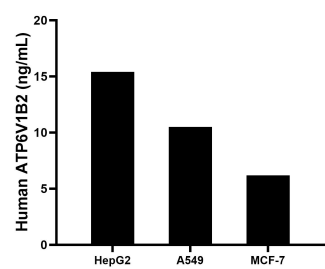
Storage

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 MP02956-1, ATP6V1B2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87302-2-PBS. Detection antibody: 87302-1-PBS. Standard: Ag7174. Range: 0.312-40 ng/mL



The mean ATP6V1B2 concentration was determined to be 15.4 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 10.5 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load, 6.2 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load.