

# ATP6V1A Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: MP51785-1

## Capture Antibody Information

**Catalog Number:**  
68440-2-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
3B7E5  
**Reactivity:**  
human  
**GenBank:**  
BC013138  
**Immunogen Catalog Number:**  
Ag10820

**Conjugate:**  
Unconjugated  
**Full name:**  
ATPase, H<sup>+</sup> transporting, lysosomal 70kDa, V1 subunit A  
**Gene ID:**  
523

## Detection Antibody Information

**Catalog Number:**  
68440-3-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
1B11C4  
**Reactivity:**  
human  
**GenBank:**  
BC013138  
**Immunogen Catalog Number:**  
Ag10820

**Conjugate:**  
Unconjugated  
**Full name:**  
ATPase, H<sup>+</sup> transporting, lysosomal 70kDa, V1 subunit A  
**Gene ID:**  
523

## 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

MP51785-1 targets ATP6V1A in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: ATP6V1A Monoclonal antibody, PBS Only (Capture) 68440-2-PBS (3B7E5). 100 µg. Concentration 1 mg/mL.

Detection antibody: ATP6V1A Monoclonal antibody, PBS Only (Detector) 68440-3-PBS (1B11C4). 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.

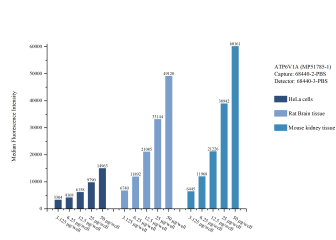
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

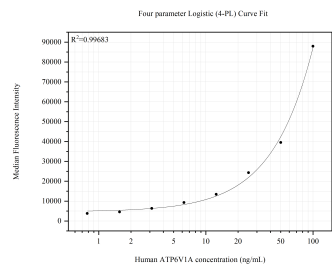
## Storage

**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 sample test of MP51785-1, ATP6V1A Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68440-2-PBS. Detection antibody: 68440-3-PBS.



Cytometric bead array standard curve of MP51785-1, ATP6V1A Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68440-2-PBS. Detection antibody: 68440-3-PBS. Standard:Ag10820. Range: 0.781-100 ng/mL.