

# ALDH2 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number:MP50663-3

## Capture Antibody Information

**Catalog Number:**  
68237-6-PBS

**Host:**  
Mouse

**Isotype:**  
IgG1

**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
3C12A5

**Reactivity:**  
human

**GenBank:**  
BC002967

**Immunogen Catalog Number:**  
Ag7463

**Conjugate:**  
Unconjugated

**Full name:**  
aldehyde dehydrogenase 2 family (mitochondrial)

**Gene ID:**  
217

## Detection Antibody Information

**Catalog Number:**  
68237-7-PBS

**Host:**  
Mouse

**Isotype:**  
IgG1

**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
2H8B10

**Reactivity:**  
human

**GenBank:**  
BC002967

**Immunogen Catalog Number:**  
Ag7463

**Conjugate:**  
Unconjugated

**Full name:**  
aldehyde dehydrogenase 2 family (mitochondrial)

**Gene ID:**  
217

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
3.125-200 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

MP50663-3 targets ALDH2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: ALDH2 Monoclonal antibody, PBS Only (Capture) 68237-6-PBS (3C12A5). 100 µg. Concentration 1 mg/mL.

Detection antibody: ALDH2 Monoclonal antibody, PBS Only (Detector) 68237-7-PBS (2H8B10). 100 µg. Concentration 1 mg/mL.

Alternative ALDH2 matched antibody pairs: MP50663-1, MP50663-2

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.

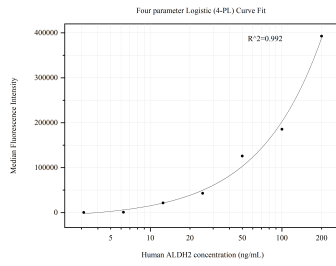
Antibody use should be optimized for each application and assay.

## 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 standard curve of MP50663-3, ALDH2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68237-6-PBS. Detection antibody: 68237-7-PBS. Standard: Ag7463. Range: 3.125-200 ng/mL.