

# CD16a Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50298-1**

## Capture Antibody Information

**Catalog Number:**  
66779-2-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
2B6A3  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag9787

**Conjugate:**  
Unconjugated  
**Full name:**  
Fc fragment of IgG, low affinity IIIa, receptor (CD16a)  
**Gene ID:**  
2214

## Detection Antibody Information

**Catalog Number:**  
68897-1-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
2D6C2  
**Reactivity:**  
human  
**GenBank:**  
BC017865

**Conjugate:**  
Unconjugated  
**Full name:**  
Fc fragment of IgG, low affinity IIIa, receptor (CD16a)  
**Gene ID:**  
2214

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
3.125-100 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

MP50298-1 targets CD16a in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: CD16 Monoclonal antibody, PBS Only (Capture) 66779-2-PBS (2B6A3). 100 µg. Concentration 1 mg/mL.

Detection antibody: CD16 Monoclonal antibody, PBS Only (Detector) 68897-1-PBS (2D6C2). 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.

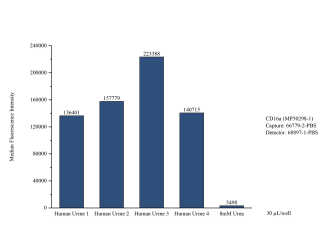
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

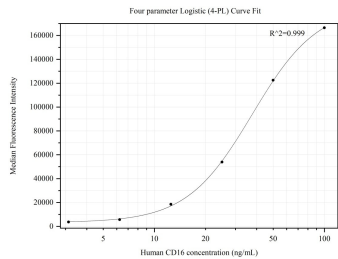
## Storage

**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

# Selected Validation Data



Cytometric bead array of Human urine using MP50298-1, CD16a Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66779-2-PBS. Detection antibody: 68897-1-PBS. Urine of four individual healthy human donors was analyzed using MP50298-1.



Cytometric bead array standard curve of MP50298-1, CD16 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66779-2-PBS. Detection antibody: 68897-1-PBS. Standard:Eg31662. Range: 3.125-100 ng/mL