

# IL-12/IL-23 p40 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP51316-3**

## Capture Antibody Information

**Catalog Number:**  
60898-4-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
1G1D1  
**Reactivity:**  
human  
**GenBank:**  
**Immunogen Catalog Number:**  
HZ-1254

**Conjugate:**  
Unconjugated  
**Full name:**  
interleukin 23, alpha subunit p19  
**Gene ID:**  
51561

## Detection Antibody Information

**Catalog Number:**  
60898-5-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
7F8A5  
**Reactivity:**  
human  
**GenBank:**  
**Immunogen Catalog Number:**  
HZ-1254

**Conjugate:**  
Unconjugated  
**Full name:**  
interleukin 23, alpha subunit p19  
**Gene ID:**  
51561

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.098-100 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

MP51316-3 targets IL-12/IL-23 p40 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: IL-23 p19 Monoclonal antibody, PBS Only (Capture) 60898-4-PBS (1G1D1). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: IL-23 p19 Monoclonal antibody, PBS Only (Detector) 60898-5-PBS (7F8A5). 100  $\mu$ g. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

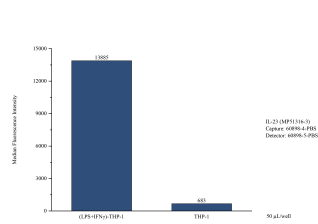
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

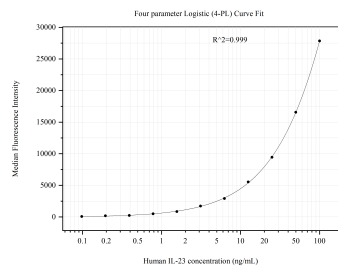
## Storage

**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 of THP-1 cells supernatant using MP51316-3, L-12/IL-23 p40 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60898-4-PBS. Detection antibody: 60898-5-PBS. THP-1 cells were cultured unstimulated or stimulated with 100ng/ml LPS and 50ng/ml IFN gamma (HZ-1301) for 24 hours. 50  $\mu$  L of the supernatant was analyzed using MP51316-3.



Cytometric bead array standard curve of MP51316-3, L-12/IL-23 p40 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60898-4-PBS. Detection antibody: 60898-5-PBS. Standard:HZ-1254. Range: 0.098-100 ng/mL