

# IFN-gamma Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: MP50092-1

## Capture Antibody Information

**Catalog Number:**  
68739-1-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
1C1G5  
**Reactivity:**  
human  
**GenBank:**  
**Immunogen Catalog Number:**  
HZ-1301

**Conjugate:**  
Unconjugated  
**Full name:**  
IFN gamma  
**Gene ID:**  
3458

## Detection Antibody Information

**Catalog Number:**  
68739-2-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
1G1C7  
**Reactivity:**  
human  
**GenBank:**  
**Immunogen Catalog Number:**  
HZ-1301

**Conjugate:**  
Unconjugated  
**Full name:**  
IFN gamma  
**Gene ID:**  
3458

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
0.977-15.625 ng/mL (Sandwich ELISA)  
**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

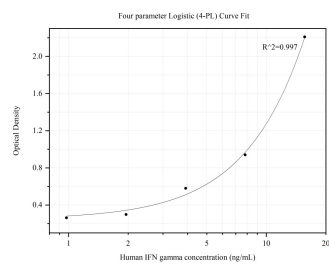
## Product Information

MP50092-1 targets IFN-gamma in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.  
Capture antibody: IFN-gamma Monoclonal antibody, PBS Only (Capture) 68739-1-PBS (1C1G5). 100 µg. Concentration 1 mg/mL.  
Detection antibody: IFN-gamma Monoclonal antibody, PBS Only (Detector) 68739-2-PBS (1G1C7). 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.

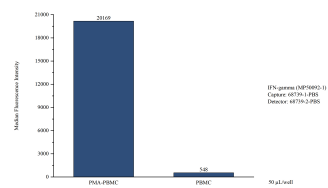
## Storage

**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



Sandwich ELISA standard curve of MP50092-1, IFN gamma Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68739-1-PBS. Detection antibody: HRP-conjugated 68739-2-PBS. Standard: HZ-1301. Range: 0.977-15.625 ng/mL.



Cytometric bead array of Human peripheral blood mononuclear cells (PBMC) supernatant using MP50092-1, IFN-gamma Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68739-1-PBS. Detection antibody: 68739-2-PBS. PBMC were cultured unstimulated or stimulated with 1 µg/mL PMA for 48 hours. 50 µL of the supernatant was analyzed using MP50092-1.