

# IL-7 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50135-2**

## Capture Antibody Information

**Catalog Number:**  
68794-1-PBS

**Host:**  
Mouse

**Isotype:**  
IgG1

**Purification Method:**  
Protein G purification

**Clone ID:**  
1C11B11

**Reactivity:**  
human

**GenBank:**

**Immunogen Catalog Number:**  
HZ-1281

**Conjugate:**  
Unconjugated

**Full name:**  
interleukin 7

**Gene ID:**  
3574

**Affinity:**  
 $K_D = 3.69 \times 10^{-10}$   
 $K_{Off} = 3.69 \times 10^{-6}$   
 $K_{On} = 9.99 \times 10^3$

## Detection Antibody Information

**Catalog Number:**  
60206-4-PBS

**Host:**  
Mouse

**Isotype:**  
IgG1

**Purification Method:**  
Protein G purification

**Clone ID:**  
5H6B7

**Reactivity:**  
human

**GenBank:**  
BC047698

**Immunogen Catalog Number:**  
Ag16314

**Conjugate:**  
Unconjugated

**Full name:**  
interleukin 7

**Gene ID:**  
3574

**Affinity:**  
 $K_D = 4.79 \times 10^{-10}$   
 $K_{Off} = 3.61 \times 10^{-6}$   
 $K_{On} = 7.53 \times 10^3$

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.098-25 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

MP50135-2 targets IL-7 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: IL-7 Monoclonal antibody, PBS Only (Capture) 68794-1-PBS (1C11B11). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL-7 Monoclonal antibody, PBS Only (Detector) 60206-4-PBS (5H6B7). 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.

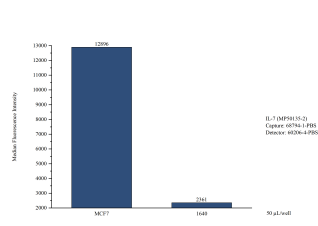
## Storage

**Storage:**  
Store at -80°C.

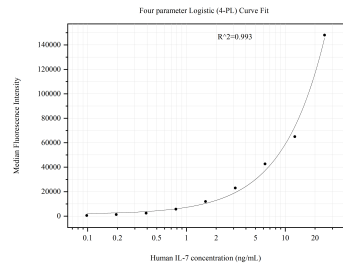
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage buffer:**  
PBS only

Selected Validation Data



Cytometric bead array of MCF-7 cells supernatant using MP50135-2, IL-7 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68794-1-PBS. Detection antibody: 60206-4-PBS. Complete culture medium was served as blank control.



Cytometric bead array standard curve of MP50135-2, IL-7 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68794-1-PBS. Detection antibody: 60206-4-PBS. Standard:HZ-1281. Range:0.098-25 ng/mL.