

For Research Use Only

# IL-7 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50135-3

## Capture Antibody Information

Catalog Number:  
60206-3-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G purification

Clone ID:  
5F4C1

Reactivity:  
human

Immunogen Catalog Number:  
Ag16314

Conjugate:  
Unconjugated

Full name:  
interleukin 7

Gene ID:  
3574

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

## 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

MP50135-3 targets IL-7 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: IL-7 Monoclonal antibody, PBS Only (Capture) 60206-3-PBS (5F4C1). 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.  
Storage buffer:  
PBS only

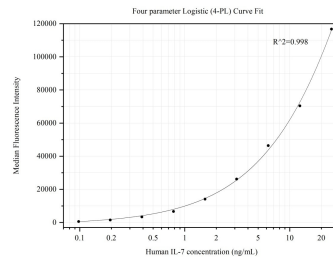
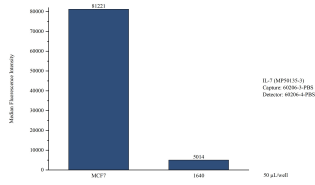
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Cytometric bead array of MCF-7 cells supernatant using MP50135-3, IL-7 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60206-3-PBS. Detection antibody: 60206-4-PBS. Complete culture medium was served as blank control.

Cytometric bead array standard curve of MP50135-3, IL-7 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60206-3-PBS. Detection antibody: 60206-4-PBS. Standard:HZ-1281. Range: 0.098-25 ng/mL.