

IL7 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50135-1**

Capture Antibody Information

Catalog Number:
60206-2-PBS

Host:
Mouse

Isotype:
IgG1

Purification Method:
Protein G purification

Clone ID:
4B3C5

Reactivity:
human

GenBank:
BC047698

Immunogen Catalog Number:
Ag16314

Conjugate:
Unconjugated

Full name:
interleukin 7

Gene ID:
3574

Affinity:
 $K_D = 8.51 \times 10^{-10}$
 $K_{Off} = 7.03 \times 10^{-6}$
 $K_{On} = 8.26 \times 10^3$

Detection Antibody Information

Catalog Number:
60206-1-PBS

Host:
Mouse

Isotype:
IgG2b

Purification Method:
Protein A purification

Clone ID:
5D5G7

Reactivity:
human

GenBank:
BC047698

Immunogen Catalog Number:
Ag16314

Conjugate:
Unconjugated

Full name:
interleukin 7

Gene ID:
3574

Affinity:
 $K_D = 7.40 \times 10^{-10}$
 $K_{Off} = 7.82 \times 10^{-6}$
 $K_{On} = 1.06 \times 10^4$

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

MP50135-1 targets IL7 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: IL-7 Monoclonal antibody, PBS Only (Capture) 60206-2-PBS (4B3C5). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL-7 Monoclonal antibody, PBS Only (Detector) 60206-1-PBS (5D5G7). 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.

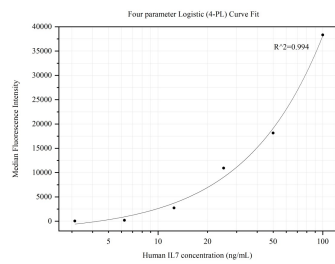
Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.

Storage buffer:
PBS only

Selected Validation Data



Cytometric bead array standard curve of MP50135-1, IL7 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60206-2-PBS. Detection antibody: 60206-1-PBS. Standard:ag16314. Range: 3.125-100 ng/mL.