

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
Immunogen Catalog Number:
HZ-1281

Conjugate:
Unconjugated
Full name:
interleukin 7
Gene ID:
3574
Affinity:
 $K_D = 3.69 \times 10^{-10}M$
 $K_{Off} = 3.69 \times 10^{-6}M$
 $K_{On} = 9.99 \times 10^3M$

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

MP50135-2 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.

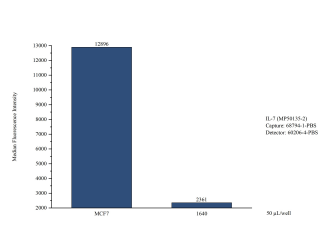
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

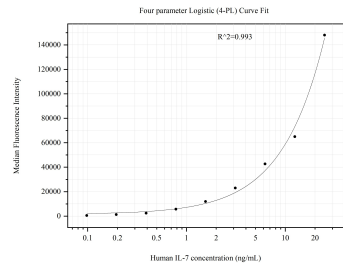
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.