

For Research Use Only

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

Immunogen Catalog Number:
Ag16314

Conjugate:
Unconjugated

Full name:
interleukin 7

Gene ID:
3574

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

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

Applications

Tested Applications:
Cytometric bead array, Sandwich
ELISA

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, Sandwich ELISA.

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 (BSA and azide free) 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

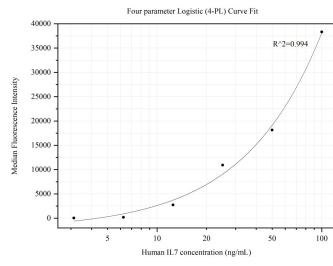
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

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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 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.