

For Research Use Only

IL-15 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50095-1

Capture Antibody Information

Catalog Number:
68742-1-PBS

Host:
Mouse

Isotype:
IgG2a

Purification Method:
Protein A purification

Clone ID:
1H6D7

Reactivity:
Human

Immunogen Catalog Number:
Ag3650

Conjugate:
Unconjugated

Full name:
interleukin 15

Gene ID:
3600

Affinity:
 $K_D = 9.26 \times 10^{-12}M$
 $K_{Off} = 2.61 \times 10^{-6}M$
 $K_{On} = 2.82 \times 10^5M$

Detection Antibody Information

Catalog Number:
68742-2-PBS

Host:
Mouse

Isotype:
IgG2a

Purification Method:
Protein A purification

Clone ID:
8H2G10

Reactivity:
Human

GenBank:
BC018149

Immunogen Catalog Number:
Ag3650

Conjugate:
Unconjugated

Full name:
interleukin 15

Gene ID:
3600

Affinity:
 $K_D = 1.46 \times 10^{-11}M$
 $K_{Off} = 2.93 \times 10^{-6}M$
 $K_{On} = 2.01 \times 10^5M$

Applications

Tested Applications:
Sandwich ELISA

Range:
1.953-62.5 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP50095-1 targets IL-15 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL15 Monoclonal antibody, PBS Only (Capture) 68742-1-PBS (1H6D7). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL15 Monoclonal antibody, PBS Only (Detector) 68742-2-PBS (8H2G10). 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

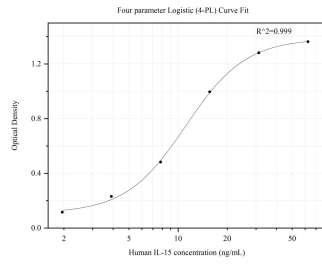
For technical support and original validation data for this product please contact:

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

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

Selected Validation Data



Sandwich ELISA standard curve of MP50095-1, IL-15
Monoclonal Matched Antibody Pair, PBS Only.
Capture antibody: 68742-1-PBS. Detection
antibody: HRP-conjugated 68742-2-PBS.
Standard:HZ-1323. Range: 1.953-62.5 ng/mL