

For Research Use Only

IL11 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50054-1

Capture Antibody Information

Catalog Number:
68135-2-PBS

Host:
Mouse

Isotype:
IgG1

Purification Method:
Protein G purification

Clone ID:
1B3H6

Reactivity:
human

Immunogen Catalog Number:
Ag11199

Conjugate:
Unconjugated

Full name:
interleukin 11

Gene ID:
3589

Affinity:
 $K_D = 1.30 \times 10^{-9}M$
 $K_{Off} = 6.38 \times 10^{-6}M$
 $K_{On} = 4.89 \times 10^3M$

Detection Antibody Information

Catalog Number:
68135-1-PBS

Host:
Mouse

Isotype:
IgG2b

Purification Method:
Protein A purification

Clone ID:
1F3A12

Reactivity:
human

GenBank:
BC012506

Immunogen Catalog Number:
Ag11199

Conjugate:
Unconjugated

Full name:
interleukin 11

Gene ID:
3589

Affinity:
 $K_D = 1.80 \times 10^{-9}M$
 $K_{Off} = 2.20 \times 10^{-6}M$
 $K_{On} = 1.22 \times 10^3M$

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
1.563-100 ng/mL (Cytometric Bead Array)
6.25-400 pg/mL (Sandwich ELISA)

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

Product Information

MP50054-1 targets IL11 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: IL-11 Monoclonal antibody, PBS Only (Capture) 68135-2-PBS (1B3H6). 100 µg. Concentration 1 mg/ml.

Detection antibody: IL-11 Monoclonal antibody, PBS Only (Detector) 68135-1-PBS (1F3A12). 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

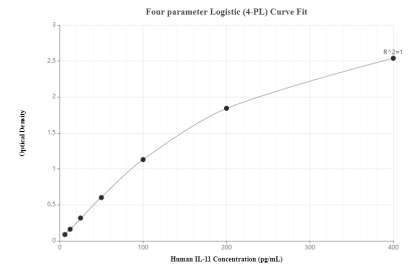
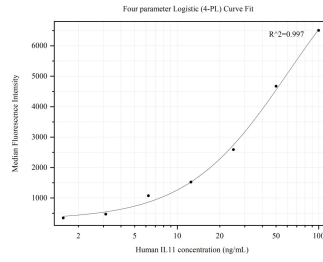
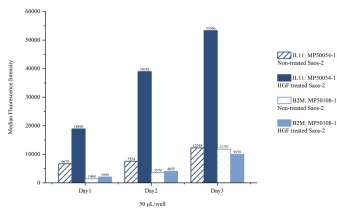
For technical support and original validation data for this product please contact:

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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 Saos-2 cells supernatant using MP50054-1, IL11 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68135-2-PBS. Detection antibody: 68135-1-PBS. Saos-2 cells were inoculated into 6 well plate at 40000 cells/well followed by culture for 3 days in normal culture media or HGF (Cat.NO. HZ-1084, 500 ng/mL) containing media. 50 µL of the supernatant from each day was analyzed using MP50054-1 (IL11 Monoclonal Matched



Cytometric bead array standard curve of MP50054-1, IL11 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68135-2-PBS. Detection antibody: 68135-1-PBS. Standard: Ag11199. Range: 1.563-100 ng/mL

Sandwich ELISA standard curve of MP50054-1, IL11 Monoclonal Matched Antibody Pair - PBS only. 68135-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag11199. 68135-1-PBS was biotinylated as the detection antibody. Range: 6.25-400 pg/mL