

For Research Use Only

IL3RA/CD123 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00176-4

Capture Antibody Information

Catalog Number:
83243-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240042E5
Reactivity:
human
Immunogen Catalog Number:
Ag4452

Conjugate:
Unconjugated
Full name:
interleukin 3 receptor, alpha (low affinity)
Gene ID:
3563

Detection Antibody Information

Catalog Number:
83243-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240042A4
Reactivity:
human
GenBank:
BC035407
Immunogen Catalog Number:
Ag4452

Conjugate:
Unconjugated
Full name:
interleukin 3 receptor, alpha (low affinity)
Gene ID:
3563

Applications

Tested Applications:
Sandwich ELISA

Range:
62.5-4000 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

MP00176-4 targets IL3RA/CD123 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL3RA/CD123 Recombinant antibody, PBS Only (Capture) 83243-3-PBS (240042E5). 100 µg. Concentration 1 mg/ml.

Detection antibody: IL3RA Recombinant antibody, PBS Only (Detector) 83243-4-PBS (240042A4). 100 µg. Concentration 1 mg/ml.

Alternative IL3RA/CD123 matched antibody pairs: MP00176-1, MP00176-2, MP00176-3

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

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

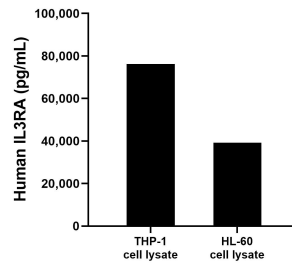
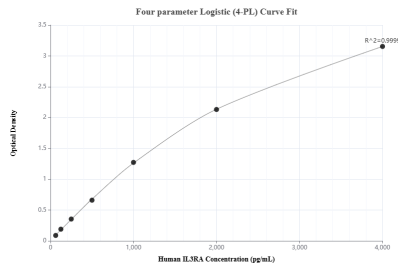
For technical support and original validation data for this product please contact:

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



Sandwich ELISA standard curve of MP00176-4, Human IL3RA Recombinant Matched Antibody Pair - PBS only. 83243-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4452. 83243-4-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL

THP-1 and HL-60 cell lysates were measured. The human IL3RA concentration of detected samples was determined to be 76,268.8 pg/mL (based on a 4.0 mg/mL extract load) in THP-1 cell lysate and 39,279.2 pg/mL (based on a 4.3 mg/mL extract load) in HL-60 cell lysate.