

ARNT/HIF-1 beta Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01470-1**

Capture Antibody Information

Catalog Number:
84650-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242111B6

Reactivity:
human

Immunogen Catalog Number:
Ag5507

Conjugate:
Unconjugated

Full name:
aryl hydrocarbon receptor nuclear translocator

Gene ID:
405

Detection Antibody Information

Catalog Number:
84650-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242111E3

Reactivity:
human

GenBank:
BC060838

Immunogen Catalog Number:
Ag5507

Conjugate:
Unconjugated

Full name:
aryl hydrocarbon receptor nuclear translocator

Gene ID:
405

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.781-100 ng/mL (Cytometric Bead Array)
0.156-10 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

MP01470-1 targets ARNT/HIF-1 beta in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: ARNT/HIF1B Recombinant antibody, PBS Only (Capture) 84650-1-PBS (242111B6). 100 µg. Concentration 1 mg/mL.

Detection antibody: ARNT/HIF-1 beta Recombinant antibody, PBS Only (Capture/Detector) 84650-2-PBS (242111E3). 100 µg. Concentration 1 mg/mL.

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

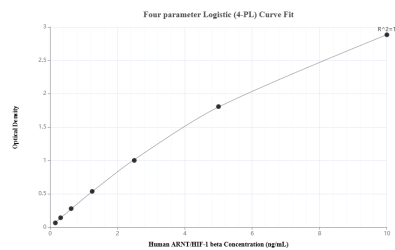
For technical support and original validation data for this product please contact:

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

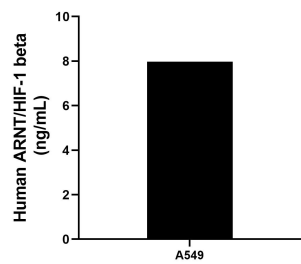
E: proteintech@ptglab.com
W: ptglab.com

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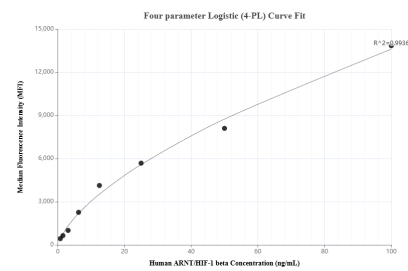
Selected Validation Data



Sandwich ELISA standard curve of MP01470-1, Human ARNT/HIF-1 beta Recombinant Matched Antibody Pair - PBS only. 84650-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag5507. 84650-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean ARNT/HIF-1 beta concentration was determined to be 7.97 ng/mL in A549 cell extract based on a 2.7 mg/mL extract load.



Cytometric bead array standard curve of MP01470-1, ARNT/HIF-1 beta Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84650-1-PBS. Detection antibody: 84650-2-PBS. Standard: Ag5507. Range: 0.781-100 ng/mL