

Importin Beta Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02562-1**

Capture Antibody Information

Catalog Number:
86630-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251633A7

Reactivity:
human

Immunogen Catalog Number:
Ag0122

Conjugate:
Unconjugated

Full name:
karyopherin (importin) beta 1

Gene ID:
3837

Detection Antibody Information

Catalog Number:
86630-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251633C10

Reactivity:
human

GenBank:
BC003572

Immunogen Catalog Number:
Ag0122

Conjugate:
Unconjugated

Full name:
karyopherin (importin) beta 1

Gene ID:
3837

Applications

Tested Applications:
Cytometric bead array, Sandwich
ELISA

Range:
0.312-20 ng/mL (Cytometric Bead
Array)
0.391-25 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

MP02562-1 targets Importin Beta in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: KPNB1 Recombinant monoclonal antibody, PBS Only (Capture) 86630-1-PBS (251633A7). 100 µg. Concentration 1 mg/mL.

Detection antibody: KPNB1 Recombinant monoclonal antibody, PBS Only (Detector) 86630-2-PBS (251633C10). 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

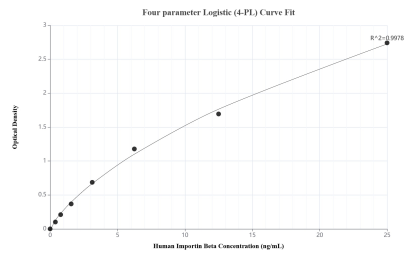
For technical support and original validation data for this product please contact:

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

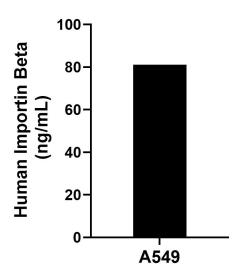
E: proteintech@ptglab.com
W: ptglab.com

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

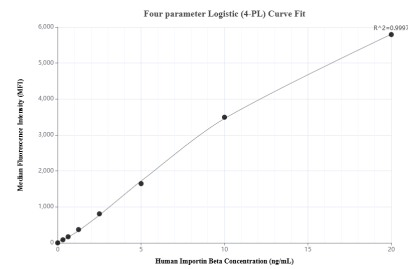
Selected Validation Data



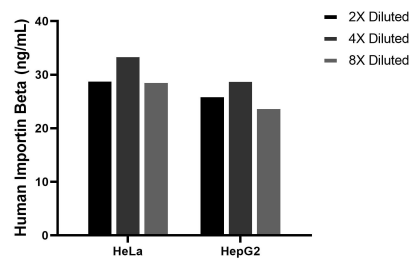
Sandwich ELISA standard curve of MP02562-1, Human Importin Beta Recombinant Matched Antibody Pair - PBS only. 86630-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0122. 86630-2-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



The mean Importin Beta concentration was determined to be 81.1 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP02562-1, Importin Beta Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86630-1-PBS. Detection antibody: 86630-2-PBS. Standard: Ag0122. Range: 0.312-20 ng/mL



The mean Importin Beta concentration was determined to be 30.6 ng/mL in Hela cell extract based on a 1.1 mg/mL extract load, 26.5 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load.