

Importin Beta Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP02562-1

Capture Antibody Information

Catalog Number: 86630-1-PBS	Clone ID: 251633A7	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: karyopherin (importin) beta 1
Isotype: IgG	GenBank: BC003572	Gene ID: 3837
Purification Method: Protein A purification	Immunogen Catalog Number: Ag0122	

Detection Antibody Information

Catalog Number: 86630-2-PBS	Clone ID: 251633C10	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: karyopherin (importin) beta 1
Isotype: IgG	GenBank: BC003572	Gene ID: 3837
Purification Method: Protein A purification	Immunogen Catalog Number: Ag0122	

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.
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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.

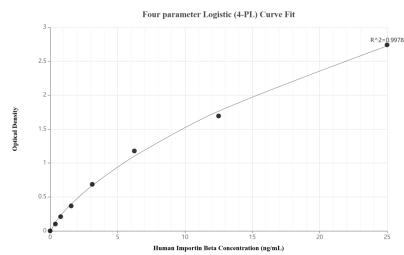
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

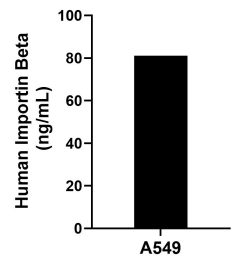
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

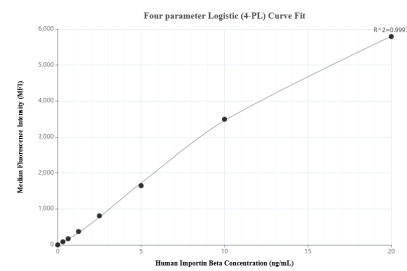
Selected Validation Data



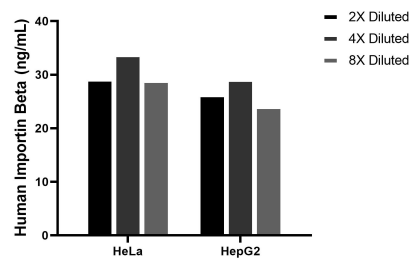
Sandwich ELISA standard curve of MP02562-1, Human Importin Beta Recombinant Matched Antibody Pair - PBS only. 86630-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0122. 86630-2-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



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.