

For Research Use Only

KPNB1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86630-1-PBS



Basic Information

Catalog Number: 86630-1-PBS	GenBank Accession Number: BC003572	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3837	CloneNo.: 251633A7
Source: Rabbit	UNIPROT ID: Q14974	
Isotype: IgG	Full Name: karyopherin (importin) beta 1	
Immunogen Catalog Number: AG0122	Calculated MW: 97 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86630-1-PBS targets KPNB1 as part of a matched antibody pair.

MP02562-1: 86630-1-PBS capture and 86630-2-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

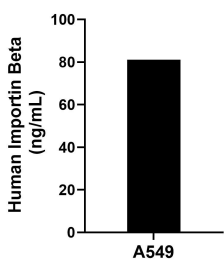
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

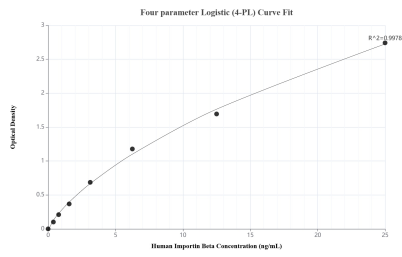
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

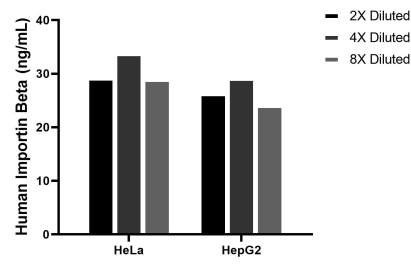
Selected Validation Data



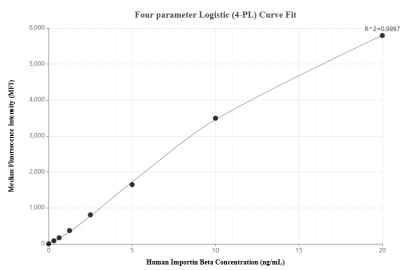
The mean Importin Beta concentration was determined to be 81.1 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load.



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 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.



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