

For Research Use Only

NDUFA5 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85187-1-PBS



Basic Information

| | | |
|--|--|---|
| Catalog Number: 85187-1-PBS | GenBank Accession Number: BC000813 | Purification Method: Protein A purification |
| Concentration: 1 mg/ml | GeneID (NCBI): 4698 | CloneNo.: 242860B10 |
| Source: Rabbit | UNIPROT ID: Q16718 | |
| Isotype: IgG | Full Name: NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5, 13kDa | |
| Immunogen Catalog Number: AG9995 | Calculated MW: 13 kDa | |
| | Observed MW: 13 kDa | |

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

NDUFA5, also named as CI-13kD-B and NDU5, belongs to the complex I NDUFA5 subunit family. It is accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which functions in the transfer of electrons from NADH to the respiratory chain. NDUFA5, an enrichment of mitochondrial protein, can be used as a mitochondrial marker protein (PMID:21360670).

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

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

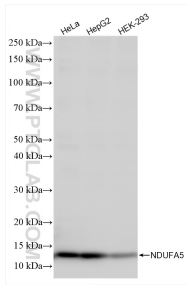
T: 4006900926

E: Proteintech-CN@ptglab.com

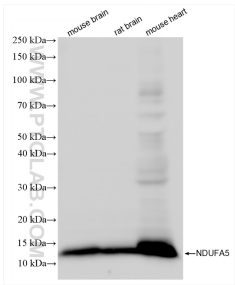
W: ptgcn.com

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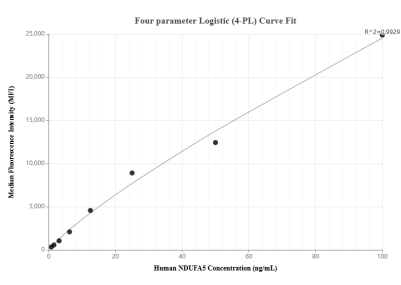
Selected Validation Data



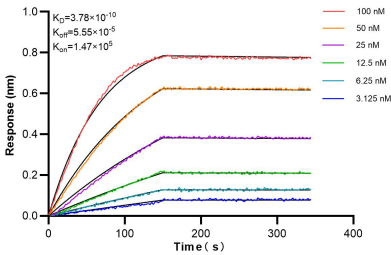
Various lysates were subjected to SDS PAGE followed by western blot with 85187-1-RR (NDUFA5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85187-1-PBS in a different storage buffer formulation.



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Cytometric bead array standard curve of MP01899-1, NDUFA5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85187-1-PBS. Detection antibody: 85187-4-PBS. Standard: Ag9995. Range: 0.781-100 ng/mL



Biolayer interferometry (BLI) kinetic assays of 85187-1-RR against Human NDUFA5 were performed. The affinity constant is 0.378 nM.