

For Research Use Only

CCT5 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84310-2-PBS



Basic Information

| | | |
|--|--|---|
| Catalog Number: 84310-2-PBS | GenBank Accession Number: BC035499 | Purification Method: Protein A purification |
| Size: 1 mg/ml | GeneID (NCBI): 22948 | CloneNo.: 241510B3 |
| Source: Rabbit | UNIPROT ID: P48643 | |
| Isotype: IgG | Full Name: chaperonin containing TCP1, subunit 5 (epsilon) | |
| Immunogen Catalog Number: AG2146 | Calculated MW: 541 aa, 60 kDa | |
| | Observed MW: 60 kDa | |

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

CCT5 is a subunit of chaperonin containing TCP1 complex that is also known as the TCP1 ring complex (TRiC). CCT5 involves enhancing Wnt/ β -catenin signalling activity in GCs through abrogating the interaction between E-cadherin and β -catenin (PMID: 35194191). The expression levels of CCT5 have been found to be upregulated in types of cancers, including breast cancer, colon cancer, lung cancer, glioblastoma, hepatocellular carcinoma and ovarian cancer (PMID: 36768350). Human CCT5 consist of 541 amino acids organized in β -sheets and α -helixes distributed into three domains and has a predicted molecular weight of 60 kDa.

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:

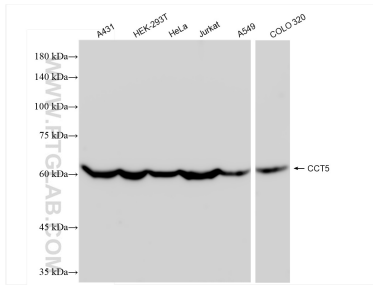
T: 4006900926

E: Proteintech-CN@ptglab.com

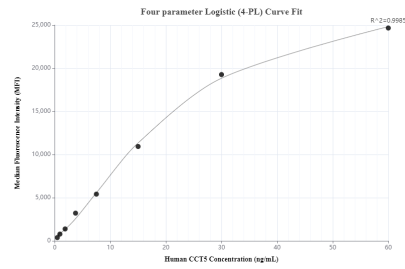
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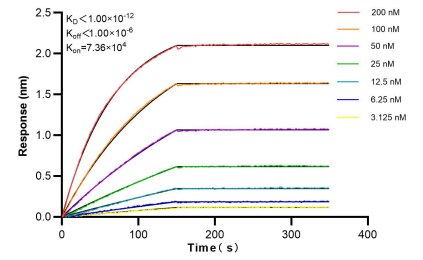
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84310-2-RR (CCT5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84310-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01209-1, CCT5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84310-2-PBS. Detection antibody: 84310-1-PBS. Standard: Ag2146. Range: 0.469-60 ng/mL.



Bi-layer interferometry (BLI) kinetic assays of 84310-2-RR against Human CCT5 were performed. The affinity constant is below 1 pM.