

For Research Use Only

CCT5 Monoclonal antibody, PBS Only

Catalog Number: 67400-1-PBS

Featured Product



Basic Information

Catalog Number:

67400-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG21421

GenBank Accession Number:

BC035499

GeneID (NCBI):

22948

UNIPROT ID:

P48643

Full Name:

chaperonin containing TCP1, subunit 5 (epsilon)

Calculated MW:

541 aa, 60 kDa

Observed MW:

60 kDa

Purification Method:

Protein G purification

CloneNo.:

1B12E10

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

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:

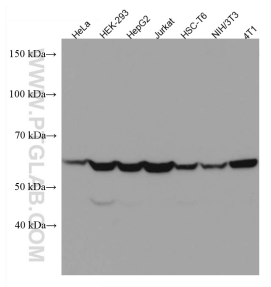
T: 4006900926

E: Proteintech-CN@ptglab.com

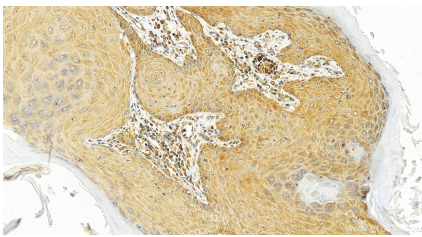
W: ptgcn.com

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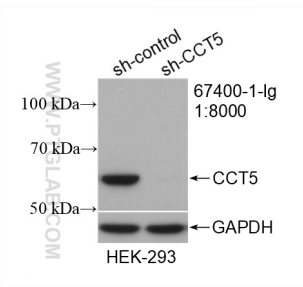
Selected Validation Data



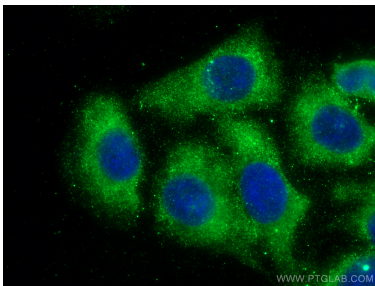
Various lysates were subjected to SDS PAGE followed by western blot with 67400-1-Ig (CCT5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67400-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 67400-1-Ig (CCT5 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67400-1-PBS in a different storage buffer formulation.



WB result of CCT5 antibody (67400-1-Ig; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CCT5 transfected HEK-293 cells. This data was developed using the same antibody clone with 67400-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using CCT5 antibody (67400-1-Ig; Clone: 1B12E10) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67400-1-PBS in a different storage buffer formulation.