

For Research Use Only

CCT6B Monoclonal antibody

Catalog Number: 67961-1-Ig



Basic Information

Catalog Number: 67961-1-Ig	GenBank Accession Number: BC027591	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10693	CloneNo.: 2F11A9
Source: Mouse	Full Name: chaperonin containing TCP1, subunit 6B (zeta 2)	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:50-1:500 IF 1:400-1:1600
Isotype: IgG1	Calculated MW: 530 aa, 58 kDa	
Immunogen Catalog Number: AG31295	Observed MW: 53-58 kDa	

Applications

Tested Applications:
FC, IF, IHC, WB, ELISA

Species Specificity:
Human, Mouse, Rat

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB: Jurkat cells, NIH/3T3 cells, HSC-T6 cells, HEK-293
cells, K-562 cells

IHC: mouse testis tissue,

IF: U2OS cells,

Background Information

CCT6B, also named as CCT-zeta-2, TCP-1-zeta-like, CCT-zeta-like, Testis-specific Tcp20 and Testis-specific protein TSA303, belongs to the TCP-1 chaperonin family. CCT6B is a molecular chaperone which assists the folding of proteins upon ATP hydrolysis. It is known to play a role, in vitro, in the folding of actin and tubulin. CCT6B has 3 isoforms with the molecular mass of 53-58 kDa.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

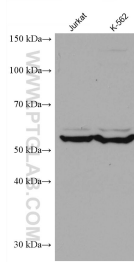
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

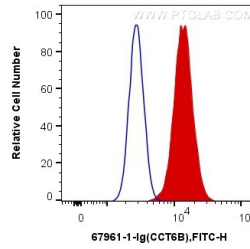
E: proteintech@ptglab.com
W: ptglab.com

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

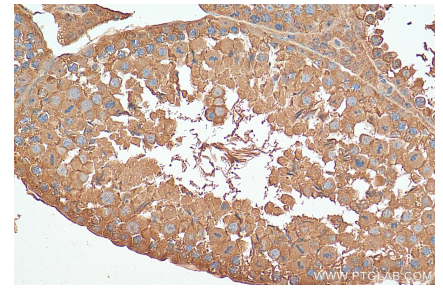
Selected Validation Data



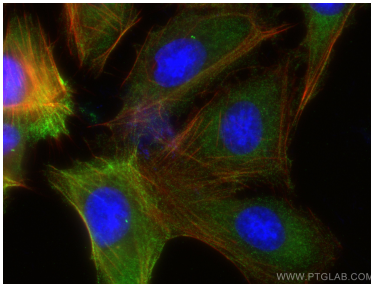
Various lysates were subjected to SDS PAGE followed by western blot with 67961-1-Ig (CCT6B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



1×10^6 U2OS cells were intracellularly stained with 0.4 μ g Anti-Human CCT6B (67961-1-Ig, Clone:2F11A9) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 67961-1-Ig (CCT6B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using CCT6B antibody (67961-1-Ig, Clone: 2F11A9) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).