

TCP-1 Beta Monoclonal Antibody

Description

Product type Primary Antibody

Code BT-MCA1193

Host Mouse

Isotype IgG

Size 50ul, 100ul

Immunogen Purified recombinant fragment of human TCP-1 Beta expressed in E. Coli.

Mol wt N/A

Species reactivity Human, Mouse, Rat, Monkey

Clonality Monoclonal

Recommended application WB, IF, ICC, FCM, ELISA

Concentration 1 mg/ml

Full name T-complex protein 1 subunit beta

Synonyms CCT2; 99D8.1; CCTB; T-complex protein 1 subunit beta; TCP-1-beta; CCT-beta

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

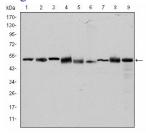
The protein encoded by this gene is a molecular chaperone that is a member of the chaperonin containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-dependent manner. The complex folds various proteins, including actin and tubulin. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

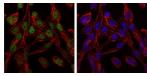
ELISA: 1:10000 FC: 1:200 - 1:400 IF: 1:200 - 1:1000 WB: 1:500 - 1:2000

Not yet tested in other applications.

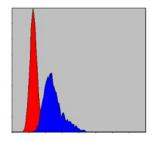
Images



Western Blot analysis using TCP-1 Beta Monoclonal antibody against HeLa (1) MCF-7 (2) Jurkat (3) T47D (4) K562 (5) A431 (6) NIH/3T3 (7) PC-12 (8) and Cos7 (9) cell lysate.



Immunofluorescence analysis of 3T3-L1 cells using TCP-1 Beta Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of NIH/3T3 cells using TCP-1 Beta Monoclonal antibody (blue) and negative control (red).

Storage

-20°C for one year

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