
Product Name: CCT2 Mouse Monoclonal Antibody**Catalog #: AMM81037**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	54kDa

Antigen Information

Gene Name	CCT2
Alternative Names	CCTB; 99D8.1; PRO1633; CCT-beta; MGC142074; MGC142076; TCP-1-beta
Gene ID	10576.0
SwissProt ID	P78371
Immunogen	Purified recombinant fragment of human CCT2 expressed in E. Coli.

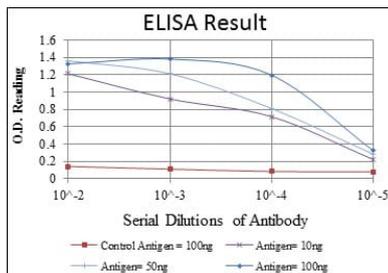
Background

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.

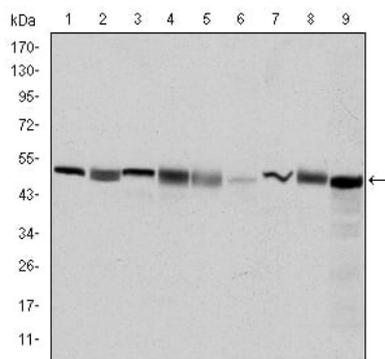
The complex folds various proteins, including actin and tubulin. Two transcript variants encoding different isoforms have been found for this gene.

Research Area

Image Data



Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Western blot analysis using CCT2 mouse mAb 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.