

Product datasheet for **AM06677SU-N**

TCP1 beta (CCT2) Mouse Monoclonal Antibody [Clone ID: 5B5F5]

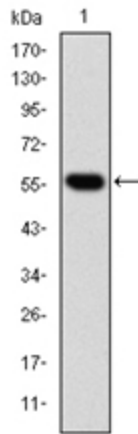
Product data:

Product Type:	Primary Antibodies
Clone Name:	5B5F5
Applications:	ELISA, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human CCT2 expressed in E. Coli.
Specificity:	Recognizes CCT2
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	54 kDa
Gene Name:	chaperonin containing TCP1 subunit 2
Database Link:	Entrez Gene 10576 Human P78371
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.
Synonyms:	99D8.1, CCT-beta, CCTB, TCP-1 beta

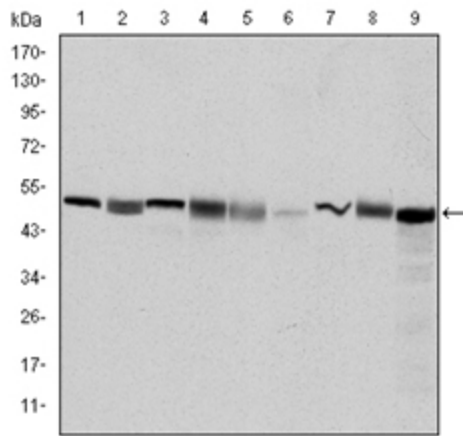


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Product images:



Western blot analysis using CCT2 antibody Cat.-No AM06677SU-N against human CCT2 (AA: 87-290) recombinant protein (Expected MW is 47.9 kDa)



Western blot analysis using CCT2 antibody Cat.-No AM06677SU-N against HeLa (Lane 1), MCF-7 (Lane 2), Jurkat (Lane 3), T47D (Lane 4), K562 (Lane 5), A431 (Lane 6), NIH/3T3 (Lane 7), PC-12 (Lane 8) and Cos7 (Lane 9) cell lysate.

