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Anti-TCP1 Antibody (clone 2B2-D6)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17821

Product Information

Application	WB, IHC-P, IF, E
Primary Accession	P17987
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Names	2B2-D6
Calculated MW	60344
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	6950
Alias Symbol	TCP1
Other Names	TCP1, CCTA, CCT-alpha, D6S230E, T-complex 1, TCP-1-alpha, Tailless complex polypeptide 1, CCT1
Target/Specificity	Human T-complex 1
Reconstitution & Storage	Protein A purified
Precautions	Anti-TCP1 Antibody (clone 2B2-D6) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TCPA
Function	Component of the chaperonin-containing T-complex (TRiC), a molecular chaperone complex that assists the folding of actin, tubulin and other proteins upon ATP hydrolysis (PubMed:25467444, PubMed:36493755, PubMed:35449234, PubMed:37193829). The TRiC complex mediates the folding of WRAP53/TCAB1, thereby regulating telomere maintenance (PubMed:25467444). As part of the TRiC complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia (PubMed:20080638).
Cellular Location	Cytoplasm, cytosol. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.