TBCC Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	TBCC, Monoclonal Antibody
Full Product Name	TBCC
Product Gene Name	anti-TBCC antibody
Product Synonym Names	Tubulin-specific chaperone C; Tubulin-folding cofactor C; CFC; TBCC
Clonality	Monoclonal
Isotype	IgG1
Clone Number	H1-G6
Host	Mouse
Species Reactivity	Human
Form/Format	1*TBS (pH7.4), 1% BSA, 0.05% Sodium Azide.
Purity/Purification	Protein A Affinity Purified
Preparation and Storage	Store at 4 degree C after thawing. Aliquot store at -20 degree C or -80 degree C. Avoid repeated freeze/thaw cycles.
OMIM	602971
3D Structure	ModBase 3D Structure for Q15814
Immunogen	Recombinant Protein
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-TBCC antibody	MBS8564954 is an antibody targeting TBCC. Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-TBCC antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TBCC. It may not necessarily be applicable to this product.

NCBI GI #	4507373
NCBI GeneID	6903
NCBI Accession #	NP_003183.1
UniProt Primary Accession #	Q15814
UniProt Related Accession #	Q15814
GenBank Nucleotide #	NP_003183.1
NCBI Official Full Name	tubulin-specific chaperone C
NCBI Official Synonym Full Names	tubulin folding cofactor C
NCBI Official Symbol	TBCC

NCBI Official Synonym Symbols	CFC
UniProt Protein Name	Tubulin-specific chaperone C
UniProt Synonym Protein Names	Tubulin-folding cofactor C; CFC
Protein Family	TBCC domain-containing protein
UniProt Gene Name	TBCC
UniProt Synonym Gene Names	CFC
UniProt Entry Name	TBCC_HUMAN
NCBI Protein Information	tubulin-specific chaperone C
NCBI Summary for TBCC	Cofactor C is one of four proteins (cofactors A, D, E, and C) involved in the pathway leading to correctly folded beta-tubulin from folding intermediates. Cofactors A and D are believed to play a role in capturing and stabilizing beta-tubulin intermediates in a quasi-native confirmation. Cofactor E binds to the cofactor D/beta-tubulin complex; interaction with cofactor C then causes the release of beta-tubulin polypeptides that are committed to the native state. [provided by RefSeq, Jul 2008]
UniProt Comments for TBCC	TBCC: Tubulin-folding protein; involved in the final step of the tubulin folding pathway. Belongs to the TBCC family. Chromosomal Location of Human Ortholog: 6p21.1 Cellular Component: microtubule; cytoskeleton; cytoplasm; photoreceptor connecting cilium Molecular Function: GTPase activity; chaperone binding Biological Process: 'de novo' posttranslational protein folding; cellular protein metabolic process; protein folding; cell morphogenesis; post-chaperonin tubulin folding pathway
Research Articles on TBCC	**1.** a testable model for TBCC N-terminal domain/tubulin recognition in which the highly charged N-terminus as well as residues from the three helices and the loops interact with the acidic hypervariable regions of tubulin monomers
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