



# Anti-TCP1 monoclonal antibody, clone FQS5193 (DCABH-175)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit monoclonal to TCP1 alpha
<b>Antigen Description</b>	Molecular chaperone; assists the folding of proteins upon ATP hydrolysis. As part of the BBS/CCT complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia. Known to play a role, in vitro, in the folding of actin and tubulin.
<b>Immunogen</b>	Synthetic peptide corresponding to residues in Human TCP1 alpha.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Rat, Rabbit, Human
<b>Clone</b>	FQS5193
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ICC/IF, WB, IP, IHC-P, ICC
<b>Positive Control</b>	HeLa, ECV-304, MCF7 and Daudi cell lysates; Human testis tissue
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
<b>Preservative</b>	0.1% Sodium Azide

**Storage**

Store at -20°C. Stable for 12 months at -20°C

## GENE INFORMATION

Gene Name	<a href="#">TCP1 t-complex 1 [ Homo sapiens ]</a>
Official Symbol	TCP1
Synonyms	TCP1; t-complex 1; T-complex protein 1 subunit alpha; CCT1; Ccta; D6S230E; tailless complex polypeptide 1; T-complex protein 1, alpha subunit; CCTa; CCT-alpha; TCP-1-alpha;
Entrez Gene ID	<a href="#">6950</a>
Protein Refseq	<a href="#">NP_001008897</a>
UniProt ID	<a href="#">E7EQR6</a>
Chromosome Location	6q25-q27
Pathway	Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Cooperation of Prefoldin and TriC/CCTin actin and tubulin folding, organism-specific biosystem; Folding of actin by CCT/TriC, organism-specific biosystem; Formation of tubulin folding intermediates by CCT/TriC, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Prefoldin mediated transfer of substrateto CCT/TriC, organism-specific biosystem;
Function	ATP binding; nucleotide binding; unfolded protein binding;