



# TCPG Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-06272
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	CCT3 CCTG TRIC5
<b>Protein Name</b>	T-complex protein 1 subunit gamma (TCP-1-gamma) (CCT-gamma) (hTRiC5)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	TCPG Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	59kD
<b>Cell Pathway</b>	Cytoplasm .
<b>Tissue Specificity</b>	Brain,Cajal-Retzius cell,Cerebellum,Epithelium,Hepatoma,Kidney,Lung
<b>Function</b>	function:Molecular chaperone; assist the folding of proteins upon ATP hydrolysis. Known to play a role, in vitro, in the folding of actin and tubulin. Plays a role in the assembly of the von Hippel-Lindau ubiquitination complex.,similarity:Belongs to the TCP-1 chaperonin family.,subunit:Heterooligomeric complex of about 850 to 900 kDa that forms two stacked rings, 12 to 16 nm in diameter. Interacts with PACRG.,
<b>Background</b>	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. Alternate transcriptional splice variants have been characterized for this gene. In addition, a pseudogene of this gene has been found on chromosome 8. [provided by RefSeq, Aug 2010],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**