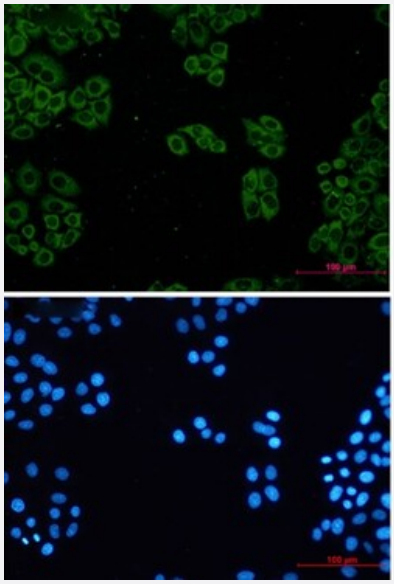
RecomAb™

TCP1 recombinant monoclonal antibody, clone R06-8G2

Catalog # RAB04437 Size 100 uL

Applications



Immunocytochemistry

Immunocytochemistry staining of HeLa cells with TCP1 recombinant monoclonal antibody, clone R06-8G2 (Cat # RAB04437) (green). DAPI was stained the cell nucleus (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TCP1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human TCP1.
Theoretical MW (kDa)	Calculated MW: 60 kD
Reactivity	Hamster, Human
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification

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Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunofluorescence
- Immunocytochemistry

  Immunocytochemistry staining of HeLa cells with TCP1 recombinant monoclonal antibody, clone R06-8G2 (Cat # RAB04437) (green). DAPI was stained the cell nucleus (blue).

- Immunoprecipitation
- Western Blot

Gene Info — TCP1

Entrez GeneID	6950
Protein Accession#	P17987
Gene Name	TCP1
Gene Alias	CCT-alpha, CCT1, CCTa, D6S230E, TCP-1-alpha
Gene Description	t-complex 1
Omim ID	186980

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Gene Ontology	Hyperlink
Gene Summary	This gene encodes a molecular chaperone that is member of the chaperonin containing TCP1 co mplex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identica l stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central c avity of the complex and are folded in an ATP-dependent manner. The complex folds various prot eins, including actin and tubulin. Alternate transcriptional splice variants of this gene, encoding diff erent isoforms, have been characterized. [provided by RefSeq
Other Designations	OTTHUMP00000017529|T-complex protein 1|T-complex protein 1, alpha subunit|tailless complex polypeptide 1

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Mucocutaneous Lymph Node Syndrome
- Schizophrenia

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