

Mouse TCP-1 beta Monoclonal Antibody | anti-TCP-1beta antibody

TCP-1 beta Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320240	Mouse	Human, Mouse, Rat, Monkey	ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

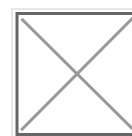
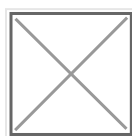
TCP-1 beta; Monoclonal Antibody; TCP-1 beta Monoclonal Antibody; T-complex protein 1 subunit beta; CCT2; 99D8.1; CCTB; TCP-1-beta; CCT-beta; anti-TCP-1beta antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Monoclonal
Specificity	TCP-1 beta Monoclonal Antibody detects endogenous levels of TCP-1 beta protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-TCP-1beta antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human TCP-1 ? expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

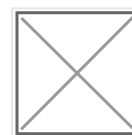
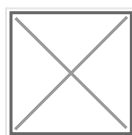
IMAGES

Application Data



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of NIH/3T3 cells using TCP-1 ? Monoclonal Antibody (blue) and negative control (red).



IF (Immunofluorescence)

Immunofluorescence analysis of 3T3-L1 cells using TCP-1 ? Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

WB (Western Blot)

Western Blot analysis using TCP-1 ? Monoclonal Antibody against HeLa (1). MCF-7 (2). Jurkat (3). T47D (4). K562 (5). A431 (6). NIH/3T3 (7). PC-12 (8) and Cos7 (9) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-TCP-1beta antibody	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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]
Product Categories/Family for anti-TCP-1beta antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	311771535
NCBI GeneID	10576
NCBI Accession #	NP_001185771.1
NCBI GenBank Nucleotide #	NM_001198842.1
UniProt Accession #	P78371; Q14D36; Q6IAT3; A8K402; B5BTY7; B7Z243; B7Z7K4; B7ZAT2
Molecular Weight	52,718 Da
NCBI Official Full Name	T-complex protein 1 subunit beta isoform 2
NCBI Official Synonym Full Names	chaperonin containing TCP1 subunit 2
NCBI Official Symbol	CCT2
NCBI Official Synonym Symbols	CCTB; 99D8.1; PRO1633; CCT-beta; HEL-S-100n; TCP-1-beta
NCBI Protein Information	T-complex protein 1 subunit beta
UniProt Protein Name	T-complex protein 1 subunit beta
UniProt Gene Name	CCT2
UniProt Synonym Gene Names	99D8.1; CCTB; TCP-1-beta
UniProt Entry Name	TCPB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tcp-1-beta-antibody-flow-cytometry-immunocytochemistry-immunofluorescence-western-blot-elisa/320240>