

Anti-Human TCP1 alpha DyLight® 488 conjugated Antibody(monoclonal, 2E7)

Catalog Number: M02389-Dyl488

About TCP1

T-complex protein 1 subunit alpha is a protein that in humans is encoded by the TCP1 gene. 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 of this gene, encoding different isoforms, have been characterized. In addition, three pseudogenes that appear to be derived from this gene have been found.

Overview

Product Name	Anti-Human TCP1 alpha DyLight® 488 conjugated Antibody(monoclonal, 2E7)
Reactive Species	Human
Description	Boster Bio Anti-Human TCP1 alpha DyLight® 488 conjugated Antibody (monoclonal, 2E7) catalog # M02389-Dyl488. Tested in Flow Cytometry applications. This antibody reacts with Human.
Conjugate	DyLight®488
Application	Flow Cytometry
Clonality	Monoclonal Clone: 2E7
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Mouse
Uniprot ID	P17987

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human TCP1 alpha, different from the related mouse sequence by one amino acid, and from the related rat sequence by two amino acids.
Predicted Reactive Species	Human
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG1
Form	Liquid

Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Flow Cytometry, 1-3ug/1x10⁶ cells</p>

Anti-Human TCP1 alpha DyLight® 488 conjugated Antibody(monoclonal, 2E7) (M02389-Dyl488) Images



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