

Anti-Human Cytochrome C DyLight® 488 conjugated CYCS Antibody(monoclonal, 15F10)

Catalog Number: M03529-Dyl488

About CYCS

CYCS is also known as CYC, HCS or THC4. This gene encodes a small heme protein that functions as a central component of the electron transport chain in mitochondria. The encoded protein associates with the inner membrane of the mitochondrion where it accepts electrons from cytochrome b and transfers them to the cytochrome oxidase complex. This protein is also involved in initiation of apoptosis. Mutations in this gene are associated with autosomal dominant nonsyndromic thrombocytopenia. Numerous processed pseudogenes of this gene are found throughout the human genome.

Overview

Product Name	Anti-Human Cytochrome C DyLight® 488 conjugated CYCS Antibody(monoclonal, 15F10)
Reactive Species	Human
Description	Boster Bio Anti-Human Cytochrome C DyLight® 488 conjugated CYCS Antibody (monoclonal, 15F10) catalog # M03529-Dyl488. Tested in Flow Cytometry applications. This antibody reacts with Human.
Conjugate	DyLight®488
Application	Flow Cytometry
Clonality	Monoclonal 15F10
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	P99999

Technical Details

Immunogen	E.coli-derived human Cytochrome C recombinant protein (Position: G2-E105). Human Cytochrome C shares 91% amino acid (aa) sequence identity with both mouse and rat Cytochrome C.
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	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Flow Cytometry, 1-3ug/1x10⁶ cells

Anti-Human Cytochrome C DyLight® 488 conjugated CYCS Antibody(monoclonal, 15F10) (M03529-Dyl488) Images



Boster Kit Box

9 Publications Citing This Product

1. PubMed ID: 28860994, Pioglitazone improves mitochondrial function in the remnant kidney and protects against renal fibrosis in 5/6 nephrectomized rats
2. PubMed ID: 28141785, Anti-Tumor Effects of Atractylenolide-I on Human Ovarian Cancer Cells
3. PubMed ID: 28195164, pH-sensitive micelles for the intracellular co-delivery of curcumin and Pluronic L61 unimers for synergistic reversal effect of multidrug resistance

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