

## Product Datasheet

## Anti-MMACHC Antibody FL490 Conjugate



## Overview

<b>Catalog #</b>	75-239-FL490
<b>Conjugate</b>	FL490 Ex: 491 nm, Em: 515 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N230/21
<b>Size</b>	200 µL
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Mouse Monoclonal
<b>Format</b>	Purified by Protein A chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	ICC
<b>Species Reactivity</b>	Human and Mouse
<b>Immunogen</b>	Fusion protein amino acids 1-282 (full-length) of human MMACHC (accession number Q9Y4U1) produced recombinantly in E. Coli
<b>Molecular Weight</b>	32 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-239-FL490, RRID: AB_2939868

## Details

<b>Target Description</b>	Metabolism of Cobalamin Associated C is encoded by the gene MMACHC. MMACHC is a member of the MMACHC family. MMACHC may have a role in the binding and intracellular trafficking of cobalamin. MMACHC is widely expressed with higher levels in the liver, spleen, lymph nodes, thymus, and bone marrow. Diseases associated with MMACHC include Methylmalonic Aciduria and Homocystinuria, Cblc Type and Methylmalonic Acidemia with Homocystinuria.
<b>Specificity</b>	No cross-reactivity reported
<b>Purification Method</b>	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
<b>Quality Control Tests</b>	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.
<b>Storage</b>	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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