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Datasheet for ABIN4998369

**anti-MMADHC antibody (Alexa Fluor 680)**

## Overview

Quantity:	100 µL
Target:	MMADHC
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMADHC antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C2ORF25
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

## Target Details

Target:	MMADHC
Alternative Name:	C2ORF25 ( <a href="#">MMADHC Products</a> )
Background:	Synonyms: cblD, Chromosome 2 open reading frame 25, Protein C2orf25, mitochondrial, CL25022, Methylmalonic aciduria cobalamin deficiency cblD type, with homocystinuria, Protein C2orf25, mitochondrial, MMAD_HUMAN. Background: C2ORF25 is a mitochondrial protein and its function is not fully identified. But,

## Target Details

Vitamin B12 (cobalamin) is an essential cofactor in several metabolic pathways. Intracellular conversion of cobalamin to adenosylcobalamin in mitochondria and to methylcobalamin in cytoplasm is necessary for homeostasis of methylmalonic acid and homocysteine. C2ORF25 encodes a protein involved in an early step of cobalamin metabolism.

Gene ID: 27249

## Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months