

# Nmnat1 Antibody FITC Conjugated

Catalog No: #C01447F

Package Size: #C01447F 100ul

## Description

|                       |                                                                                                                                                                                                                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | Nmnat1 Antibody FITC Conjugated                                                                                                                                                                                                                                                                                    |
| Host Species          | Rabbit                                                                                                                                                                                                                                                                                                             |
| Clonality             | Polyclonal                                                                                                                                                                                                                                                                                                         |
| Isotype               | IgG                                                                                                                                                                                                                                                                                                                |
| Purification          | Purified by Protein A.                                                                                                                                                                                                                                                                                             |
| Applications          | ICC IF                                                                                                                                                                                                                                                                                                             |
| Species Reactivity    | Hu Ms Rt                                                                                                                                                                                                                                                                                                           |
| Immunogen Description | KLH conjugated synthetic peptide derived from human Nmnat1                                                                                                                                                                                                                                                         |
| Conjugates            | FITC                                                                                                                                                                                                                                                                                                               |
| Target Name           | Nmnat1                                                                                                                                                                                                                                                                                                             |
| Other Names           | NaMN adenyllyltransferase 1; Nicotinamide mononucleotide adenyllyltransferase 1; nicotinamide nucleotide adenyllyltransferase 1; nicotinate nucleotide adenyllyltransferase 1; Nicotinate-nucleotide adenyllyltransferase 1; NMN adenyllyltransferase 1; NMNA1_HUMAN; Nmnat 1; Nmnat1; Nmnat-1; OTTHUMP00000001731 |
| Concentration         | 1mg ml                                                                                                                                                                                                                                                                                                             |
| Formulation           | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.                                                                                                                                                                                                                                                   |
| Storage               | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                                                                                                                                                                                                                                    |

## Application Details

ICC=1:50-200 IF=1:50-200

## Background

Nicotinamide adenine dinucleotide (NMNAT) is an essential cofactor involved in fundamental processes in cell metabolism. NMNAT plays a key role in NAD(+) biosynthesis, catalysing the condensation of nicotinamide mononucleotide and ATP, and yielding NAD(+) and pyrophosphate. NMNAT appears to be a substrate of nuclear kinases and contains at least three potential phosphorylation sites. The interaction of NMNAT with nuclear proteins is likely to be modulated by phosphorylation. NMNAT is widely expressed with highest levels in skeletal muscle, heart, liver and kidney.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.