Human Nicotinamide N-Methyltransferase/NNMT Alexa Fluor® 405-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 954208

Catalog Number: FAB7736V

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Nicotinamide N-Methyltransferase/NNMT in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG_{2B} Clone # 954208
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E.coli*-derived recombinant human Nicotinamide N-Methyltransferase/NNMT Met1-Leu264 Accession # P40261
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Nicotinamide N-methyltransferase (NNMT) is a 264 aminoacids enzyme that catalyzes the N-methylation of nicotinamide and other pyridines to form pyridinium ions. This activity is important for biotransformation of many drugs and xenobiotic compounds. NNMT is found in human fat cells and the liver. Significant up-regulation of NNMT was found pathologies like Parkinson's disease, cancer, atherosclerosis, and liver diseases.

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