

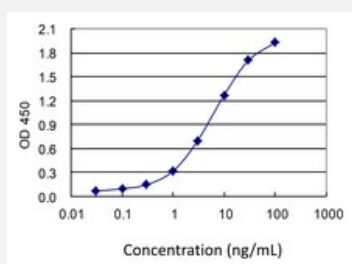
CX Grade

NMNAT2 monoclonal antibody (M01J), clone 2E4

Catalog # H00023057-M01J

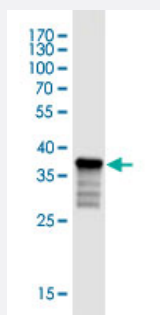
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NMNAT2 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant NMNAT2. This product is belong to Cell Culture Grade Antibody (CX Grade).

Immunogen

NMNAT2 (NP_055854, 208 a.a. ~ 307 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

CIPGLWNEADMEVVGDFGMVVPDAADTDRIMNHSSILRKYKNNIMVVKDDINHPMSVVSSTKS
RLALQHGDGHVVDYLSQPVIDYILKSQLYNASG

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (98); Rat (98)
Preparation Method	Cell Culture Production
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NMNAT2 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — NMNAT2

Entrez GeneID	23057
GeneBank Accession#	NM_015039
Protein Accession#	NP_055854
Gene Name	NMNAT2
Gene Alias	C1orf15, KIAA0479, MGC2756, PNAT-2, PNAT2
Gene Description	nicotinamide nucleotide adenyltransferase 2
Omim ID	608701
Gene Ontology	Hyperlink

Gene Summary

This gene product belongs to the nicotinamide mononucleotide adenylyltransferase (NMNAT) enzyme family, members of which catalyze an essential step in NAD (NADP) biosynthetic pathway. Unlike the other human family member, which is localized to the nucleus, and is ubiquitously expressed; this enzyme is cytoplasmic, and is predominantly expressed in the brain. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000033548|OTTHUMP00000033549|nicotinamide mononucleotide adenylyltransferase 2|pyridine nucleotide adenylyltransferase 2

Pathway

- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)

Disease

- [Tobacco Use Disorder](#)