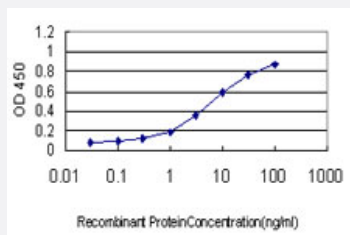


# NMNAT2 monoclonal antibody (M01), clone 2E4

Catalog # H00023057-M01

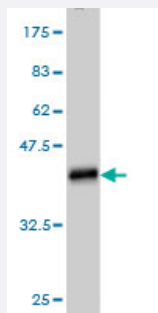
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NMNAT2 is approximately 0.3ng/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.  |
| 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            | CIPGLWNEADMEVIVGDFGMVVPDAADTDRIMNHSSILRKYKNNIMVVKDDINHPMSVVSSTKS<br>RLALQHGDGHVVDYLSQPVIDYILKSQLYINASG              |
| Host                | Mouse   |
| Reactivity          | Human   |

|                               |  |
|-------------------------------|--|
| Interspecies Antigen Sequence | Mouse (98); Rat (98)   |
| Isotype                       | IgG1 Kappa   |
| Quality Control Testing       | Antibody Reactive Against Recombinant Protein.<br>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 approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — NMNAT2

|                     |   |
|---------------------|---|
| Entrez GeneID       | <a href="#">23057</a>                       |
| GeneBank Accession# | <a href="#">NM_015039</a>                   |
| Protein Accession#  | <a href="#">NP_055854</a>                   |
| Gene Name           | NMNAT2                                      |
| Gene Alias          | C1orf15, KIAA0479, MGC2756, PNAT-2, PNAT2   |
| Gene Description    | nicotinamide nucleotide adenyltransferase 2 |
| Omim ID             | <a href="#">608701</a>                      |
| Gene Ontology       | <a href="#">Hyperlink</a>                   |

**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](#)