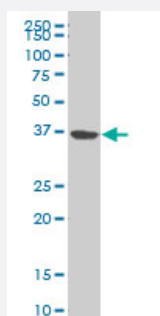


# NMI monoclonal antibody (M02), clone 10E5

Catalog # H00009111-M02

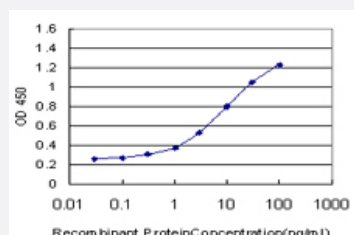
Size 100 ug

## Applications



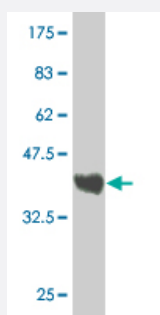
### Western Blot (Cell lysate)

NMI monoclonal antibody (M02), clone 10E5 Western Blot analysis of NMI expression in HeLa ( Cat # L013V1 ).



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NMI 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 NMI.

|                                      |                                                                                                               |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>                     | NMI (AAH01268, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>                      | MEADKDDTQQILKEHSPDEFIKDEQNKGLIDEITKKNIQLKKEIQKLETQLQEATKEFQIKEDIPETKM<br>KFLSVETPENDSQLSNISCSFQVSSKVPYEI      |
| <b>Host</b>                          | Mouse                                                                                                         |
| <b>Reactivity</b>                    | Human                                                                                                         |
| <b>Interspecies Antigen Sequence</b> | Mouse (64); Rat (67)                                                                                          |
| <b>Isotype</b>                       | IgG2b Kappa                                                                                                   |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (36.74 KDa) .      |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4                                                                                             |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                      |

## Applications

- Western Blot (Cell lysate)

NMI monoclonal antibody (M02), clone 10E5 Western Blot analysis of NMI expression in HeLa ( Cat # L013V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NMI is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — NMI

Entrez GeneID [9111](#)

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GeneBank Accession# | <a href="#">BC001268</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Protein Accession#  | <a href="#">AAH01268</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Name           | NMI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Alias          | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Description    | N-myc (and STAT) interactor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Omim ID             | <a href="#">603525</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Summary        | NMYC interactor (NMI) encodes a protein that interacts with NMYC and CMYC (two members of the oncogene Myc family), and other transcription factors containing a Zip, HLH, or HLH-Zip motif. The NMI protein also interacts with all STATs except STAT2 and augments STAT-mediated transcription in response to cytokines IL2 and IFN-gamma. The NMI mRNA has low expression levels in all human fetal and adult tissues tested except brain and has high expression in cancer cell lines-myeloid leukemias. [provided by RefSeq] |
| Other Designations  | N-myc and STAT interactor N-myc interactor N-myc-interactor                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)