

Product datasheet for **TA809982S**

N myc interactor (NMI) Mouse Monoclonal Antibody [Clone ID: OTI2C1]

Product data:

| | |
|--------------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2C1 |
| Applications: | WB |
| Recommended Dilution: | WB 1:500~2000 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG2b |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 1-223 of human NMI(NP_004679) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 34.9 kDa |
| Gene Name: | N-myc and STAT interactor |
| Database Link: | NP_004679 Entrez Gene 9111 Human Q13287 |
| Background: | 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 line-myeloid leukemias. [provided by RefSeq, Jul 2008] |

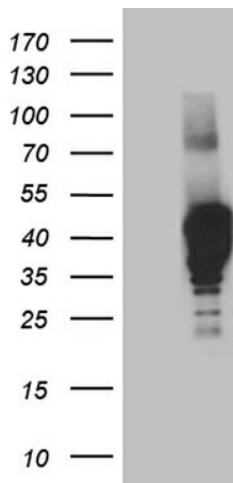


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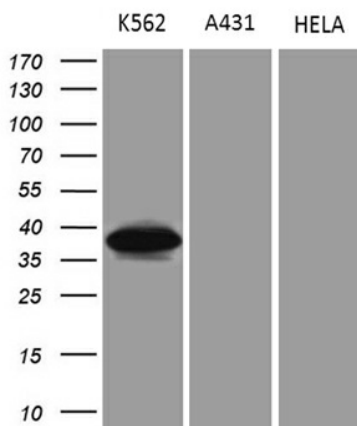
Synonyms: N-myc (and STAT) interactor; N-myc-interactor; N-myc and STAT interactor; N-myc interactor

Protein Families: Druggable Genome, Transcription Factors

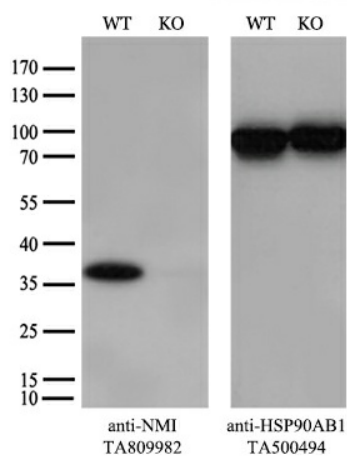
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NMI (Cat# [RC201543], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NMI (Cat# [TA809982])(1:2000). Positive lysates [LY417813] (100ug) and [LC417813] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 3 different cell lines by using anti-NMI monoclonal antibody (1:500).



Equivalent amounts of cell lysates (10 ug per lane) of wild-type A549 cells and NMI-Knockout A549 cells (KO, Cat# [LC800044]) were separated by SDS-PAGE and immunoblotted with anti-NMI monoclonal antibody [TA809982] (1:500). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.