Mouse anti-Human NMI Monoclonal Antibody | anti-NMI antibody

NMI (N-myc-interactor, Nmi, N-myc and STAT Interactor) (HRP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25473	**Mouse**	**Human**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

NMI; Monoclonal Antibody; NMI (N-myc-interactor; Nmi; N-myc and STAT Interactor) (HRP); anti-NMI antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	9D8
Specificity	Recognizes human NMI.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-NMI antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa1-101 from NMI (AAH01268) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MEADKDDTQQILKEHSPDEFIKDEQNKGLIDEITKKNIQLKKEIQKLETELQEATKEFQIKEDIPETKMKFLSVETPENDSQLSNISCSFQVSSKVPYEI
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

WB (Western Blot)
Western blot analysis of NMI over-expressed 293 cell line, cotransfected with NMI Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with NMI monoclonal antibody GAPDH (36.1kD) used as specificity and loading control.

Application Data
Detection limit for recombinant GST tagged NMI is ~0.03ng/ml as a capture antibody.

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to NMI on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3ug/ml]

WB (Western Blot)
Western Blot analysis of NMI expression in transfected 293T cell line by NMI monoclonal antibody. Lane 1: NMI transfected lysate (35.1kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
NMI monoclonal antibody Western Blot analysis of NMI expression in HeLa.

WB (Western Blot)
Western Blot detection against Immunogen (37.11kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-NMI antibody	Antibodies; Transcription Factors; STAT

NCBI AND UNIPROT INFORMATION

NCBI GI #	12654848
NCBI GeneID	9111
Molecular Weight	35,057 Da
NCBI Official Full Name	Homo sapiens N-myc (and STAT) interactor, mRNA
NCBI Official Synonym Full Names	N-myc and STAT interactor
NCBI Official Symbol	NMI
NCBI Protein Information	N-myc-interactor

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/nmi-antibody-clone-9d8-immunohistochemistry-western-blot-elisa/25473