

Datasheet for ABIN7127126 **anti-NMI antibody**



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Overview

Quantity:	100 µg
Target:	NMI
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NMI antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant full-length human NMI protein
Isotype:	IgG2b
Specificity:	Nmi (for N-Myc interactor) is an interferon inducible protein that associates with multiple transcription factors, including c-Myc, n-Myc, Max, and c-Fos, which contain bHLH-ZIP, bHLH, or Zip domains. Nmi is ubiquitously expressed at low levels throughout various fetal and adult tissues and at higher levels in myeloid leukemias and cell lines overexpressing c-Myc. In addition to binding Myc proteins, Nmi also associates with the Stat family of transcription factors, where it enhances Stat-dependent transcription. Although Nmi lacks an intrinsic DNA binding or activation domain, Nmi enhances the transcriptional activity of the Stat proteins, in response to cytokine stimulation, by recruiting the Stat1 and Stat5 transcriptional coactivators, CREB-binding protein (CBP) and p300. In vitro studies indicate that Nmi, expressed in conjunction with CBP, enhances the transcriptional responsiveness of Stat5 to IL-2 stimulation five-fold over CBP alone by increasing the affinity of Stat proteins for CBP/p300.

Product Details

Cross-Reactivity (Details):	Human
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	NMI
Alternative Name:	NMI (NMI Products)
Background:	N myc (and STAT) interactor, N myc interactor, NMI, NMYC and STAT interactor, NMYC interactor,N myc (and STAT) Interactor / NMI Cellular localisation: Nucleus.
Molecular Weight:	38kDa
Gene ID:	9111, 54483
UniProt:	Q13287

Application Details

Application Notes:	Known_Application: Flow Cytometry (1-2 µg/million cells),Optimal dilution for a specific application should be determined. Positive_Control: HeLa or K562 cells.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months