

Rabbit anti-Human MNDA Polyclonal Antibody | anti-MNDA antibody

MNDA Antibody (N-term)

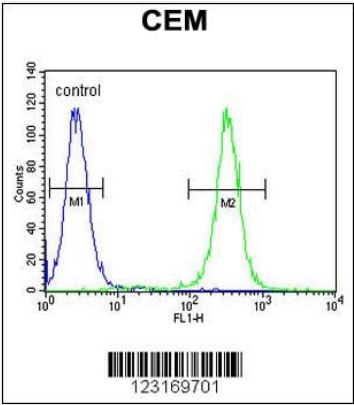
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286854	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

MNDA; Polyclonal Antibody; MNDA Antibody (N-term); Myeloid cell nuclear differentiation antigen; anti-MNDA antibody

PRODUCT SPECIFICATIONS

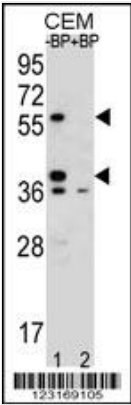
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MNDA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 26-53 amino acids from the N-terminal region of human MNDA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.26 (varies by lot)
Sequence Positions	26-53
Sequence Length	407
Applicable Applications for anti-MNDA antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
MNDAb Antibody (N-term) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
MNDAb Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MNDAb Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of MNDAb Antibody (N-term) Pab pre-incubated without (lane 1) and with (lane 2) blocking peptide in CEM cell line lysate. MNDAb Antibody (N-term) (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MNDAb antibody	The myeloid cell nuclear differentiation antigen (MNDAb) is detected only in nuclei of cells of the granulocyte-monocyte lineage. A 200-amino acid region of human MNDAb is strikingly similar to a region in the proteins encoded by a family of interferon-inducible mouse genes, designated Ifi-201, Ifi-202, and Ifi-203, that are not regulated in a cell- or tissue-specific fashion. The 1.8-kb MNDAb mRNA, which contains an interferon-stimulated response element in the 5-prime untranslated region, was significantly upregulated in human monocytes exposed to interferon alpha. MNDAb is located within 2,200 kb of FCER1A, APCs, CRP, and SPTA1. In its pattern of expression and/or regulation, MNDAb resembles IFI16, suggesting that these genes participate in blood cell-specific responses to interferons.
Product Categories/Family for anti-MNDAb antibody	Immunology; Signal Transduction
References	Kimkong, I., et al. J. Rheumatol. 37(7):1544-1547(2010) Kanellis, G., et al. Leukemia 23(10):1847-1857(2009) Joshi, A.D., et al. Clin. Cancer Res. 13 (18 PT 1), 5295-5304 (2007) : Briggs, R.C., et al. Cancer Res. 66(9):4645-4651(2006) Asefa, B., et al. FEBS Lett. 580(5):1205-1214(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505227
NCBI GeneID	4332
NCBI Accession #	NP_002423.1
NCBI GenBank Nucleotide #	NM_002432.1
UniProt Accession #	P41218
Molecular Weight	45836
NCBI Official Full Name	myeloid cell nuclear differentiation antigen
NCBI Official Synonym Full Names	myeloid cell nuclear differentiation antigen
NCBI Official Symbol	MNDA
NCBI Official Synonym Symbols	PYHIN3
NCBI Protein Information	myeloid cell nuclear differentiation antigen
UniProt Protein Name	Myeloid cell nuclear differentiation antigen
UniProt Gene Name	MNDA
UniProt Entry Name	MNDA_HUMAN

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://www.aaabiotech.com/polyclonal/mnda-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286854>