

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

MNDA (CT) Antibody

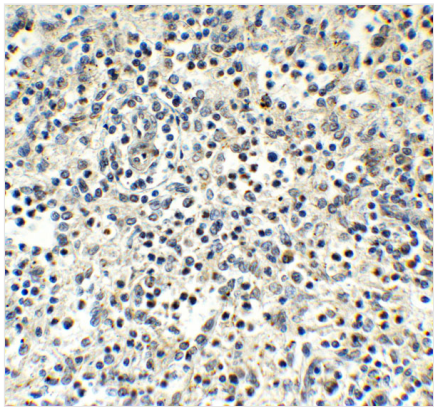
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40967	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

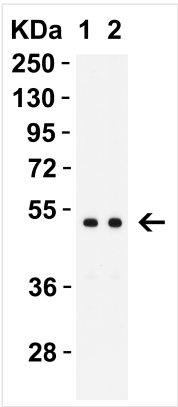
MNDA; Polyclonal Antibody; MNDA (CT) Antibody; myeloid cell nuclear differentiation antigen; anti-MNDA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	MNDA Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; MNDA Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MNDA antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Anti-MNDA antibody (9645) was raised against a peptide corresponding to 13 amino acids near the carboxyl terminus of human MNDA. The immunogen is located within the last 50 amino acids of MNDA.
Homology	Predicted species reactivity based on immunogen sequence: Gorilla (100%), chimpanzee (100%), Monkey (92%)
Research Area	Signal Transduction
NCBI Organism	Homo sapiens
Isoforms	Human MNDA has one isoform (407aa, 45.8kD). Mouse MNDA has 2 isoforms, isoform 1 (425aa, 47kD) and isoform 2 (423aa, 46.8kD). Rat MNDA has one isoform (438aa, 49.7kD). can detect MNDA in human, but not in mouse and rat.
Preparation and Storage	MNDA antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



IHC (Immunohistochemistry)
Figure 2 Immunohistochemistry Validation of MNDA in Human SpleenImmunohistochemical analysis of paraffin-embedded human spleen tissue using anti-MNDA antibody (AAA40967) at 1ug/mL. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4 degree C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



WB (Western Blot)
Figure 1 Western Blot Validation in Human THP-1 Cells Loading: 15ug of lysate per lane. Antibodies: MNDA AAA40967, 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10,000 dilution. Lane 1: 1ug/mL Lane 2: 2ug/mL

ADDITIONAL INFORMATION

Related Product Information for anti-MNDA antibody	MNDA Antibody: MNDA controls the expression of MCL-1 and BCL02 in chronic lymphocytic leukemia cells. MNDA is also a useful marker in the recognition and differential identification of marginal zone lymphomas. MNDA has a role in regulating programmed cell death in myeloid progenitor cells, and its down-regulation in myelodysplastic syndromes is related to granulocyte-macrophage progenitor cell sensitivity to TRAIL-induced programmed cell death.
Product Categories/Family for anti-MNDA antibody	Primary Antibodies
References	Bottari et al. Exp Hematol. 2020; 88:68-82 Wang et al. Am. J. Clin. Pathol. 2019; 151(3):337-343 Kanellis et al. Lukemia 2019; 23(10):1847-1857 Briggs et al. Cancer Res. 2006; 66(9): 4645-4651

NCBI AND UNIPROT INFORMATION

NCBI GI #	730038
NCBI GeneID	4332
NCBI Accession #	NP_002423.1
NCBI GenBank Nucleotide #	NM_002432.1
UniProt Accession #	P41218
Molecular Weight	45,836 Da
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-immunohistochemistry-western-blot-elisa/40967>