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

MNDA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324855	**Rabbit**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

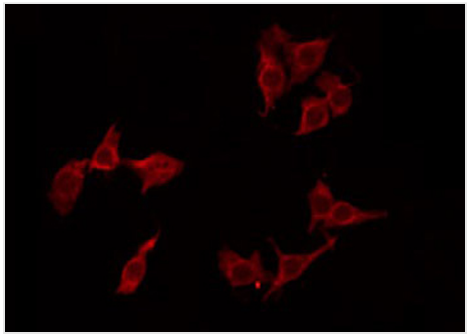
PRODUCT SYNONYMS

MNDA; Polyclonal Antibody; MNDA Antibody; MNDA_HUMAN; Myeloid cell nuclear differentiation antigen; OTTHUMP00000024384; PYHIN3; anti-MNDA antibody

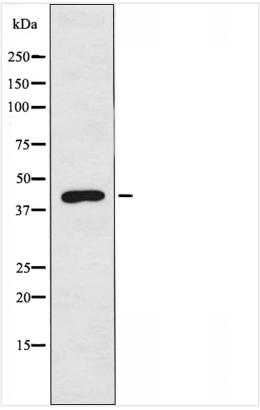
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	MNDA antibody detects endogenous levels of total MNDA
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	407
Applicable Applications for anti-MNDA antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus. Cytoplasm. Uniformly distributed throughout the interphase cell nucleus. Associates with chromatin.
Tissue Specificity	Expressed constitutively in cells of the myeloid lineage. Found in promyelocyte stage cells as well as in all other stage cells including peripheral blood monocytes and granulocytes. Also appear in myeloblast cells in some cases of acute myeloid Leukemia.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324855 staining LOVO by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from LOVO cells, using MNDA antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MNDA antibody	Function: May act as a transcriptional activator/repressor in the myeloid lineage. Plays a role in the granulocyte/monocyte cell-specific response to interferon. Stimulates the DNA binding of the transcriptional repressor protein YY1. Subunit Structure: Participates in a ternary complex with YY1 and the YY1 target DNA element. Binds nucleolin and nucleophosmin/NPM/B23. Similarity: Its N-terminal half (200 amino acids) is sufficient for maximum enhancement of YY1 DNA binding and a portion of this sequence is responsible for binding YY1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505227
NCBI GeneID	4332
NCBI Accession #	NP_002423.1
NCBI GenBank Nucleotide #	NM_002432.2
UniProt Accession #	P41218
Molecular Weight	Observed: 46 kD Predicted: 46 kDa
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**

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-immunocytochemistry-immunofluorescence-western-blot-elisa/324855