

MNDA Antibody

Catalog No: #34813

Package Size: #34813-1 50ul #34813-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

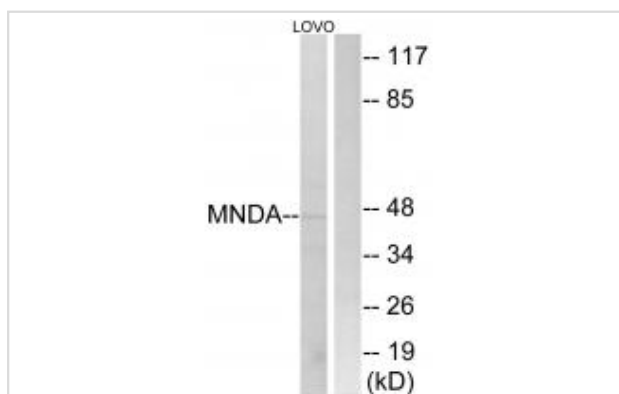
Description

Product Name	MNDA Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MNDA protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human MNDA.
Target Name	MNDA
Other Names	myeloid cell nuclear differentiation antigen; PYHIN3;
Accession No.	Swiss-Prot: P41218NCBI Gene ID: 4332
SDS-PAGE MW	46kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from LOVO cells, using MNDA antibody #34813.

Background

The myeloid cell nuclear differentiation antigen (MNDA) is detected only in nuclei of cells of the granulocyte-monocyte lineage. A 200-amino acid

region of human MNDA is strikingly similar to a region in the proteins encoded by a family of interferon-inducible mouse genes, designated lfi-201, lfi-202, and lfi-203, that are not regulated in a cell- or tissue-specific fashion. The 1.8-kb MNDA mRNA, which contains an interferon-stimulated response element in the 5-prime untranslated region, was significantly upregulated in human monocytes exposed to interferon alpha. MNDA is located within 2,200 kb of FCER1A, APCS, CRP, and SPTA1. In its pattern of expression and/or regulation, MNDA resembles IFI16, suggesting that these genes participate in blood cell-specific responses to interferons.

Briggs J.A., J. Cell. Biochem. 49:82-92(1992).

The MGC Project Team; Genome Res. 14:2121-2127(2004).

Burrus G.R., J. Cell. Biochem. 48:190-202(1992).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.