

Datasheet for ABIN953470
anti-MNDA antibody (N-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	MNDA
Binding Specificity:	AA 33-61, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MNDA antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 33-61 amino acids from the N-terminal region of human MNDA
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human MNDA (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	MNDA
Alternative Name:	MNDA (MNDA Products)

Target Details

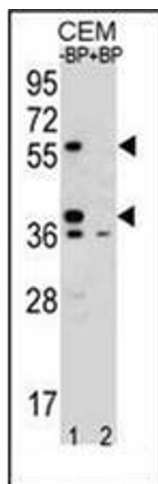
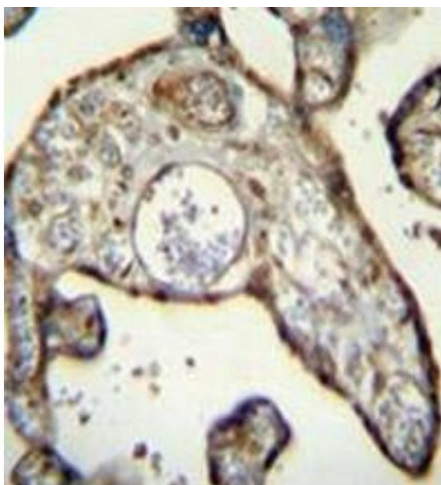
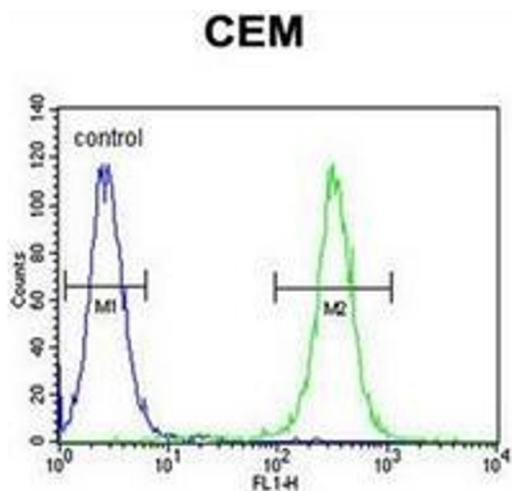
Background:	The myeloid cell nuclear differentiation antigen (MNDA) is detected only in nuclei of cells of the granulocyte-monocyte lineage. A 200-amino acid region of human MNDA is strikingly similar to a region in the proteins encoded by a family of interferon-inducible mouse genes, designated Ifi-201, Ifi-202, and Ifi-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.Synonyms: Myeloid cell nuclear differentiation antigen
Molecular Weight:	45836 Da
Gene ID:	4332
NCBI Accession:	NP_002423

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. Flow cytometric analysis of CEM cells using MNDA Antibody (N-term) Cat.-No AP52716PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue reacted with MNDA Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.

Western Blotting

Image 3. Western blot analysis of MNDA Antibody (N-term) Cat.-No AP52716PU-N pre-incubated without (Lane 1) and with (Lane 2) blocking peptide in CEM cell line lysate. MNDA Antibody (N-term) (arrow) was detected using the purified Pab (1:60/250 dilution).