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## anti-MNDA antibody (N-Term)

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**Images** 



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Quantity:	400 μL
Target:	MNDA
Binding Specificity:	AA 26-53, 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))
Product Details	
Immunogen:	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.
Clone:	RB23169
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	MNDA
Alternative Name:	MNDA (MNDA Products)

#### **Target Details**

Background:
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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.

Molecular Weight:	45836
Gene ID:	4332
NCBI Accession:	NP_002423
UniProt:	P41218

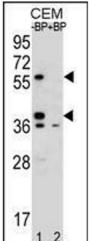
### **Application Details**

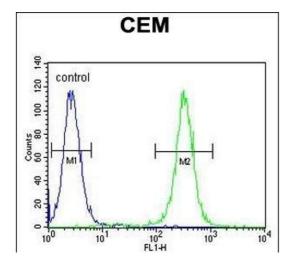
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

#### Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months







#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** MNDA Antibody (N-term) (ABIN655190 and ABIN2844806) 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 MNDA Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **Western Blotting**

Image 2. Western blot analysis of MNDA Antibody (N-term)
Pab (ABIN655190 and ABIN2844806) 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.

#### **Flow Cytometry**

**Image 3.** MNDA Antibody (N-term) (ABIN655190 and ABIN2844806) 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.