

Product datasheet for **AP52716PU-N**

MNDA (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/1000. Flow Cytometry: 1/10-1/50. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 26-53 amino acids from the N-terminal region of Human MNDA
Specificity:	This antibody recognizes Human MNDA (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	myeloid cell nuclear differentiation antigen
Database Link:	Entrez Gene 4332 Human P41218



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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:

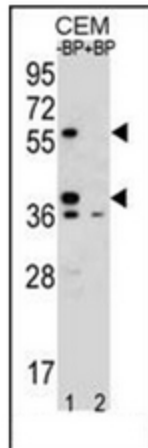
Myeloid cell nuclear differentiation antigen

Note:

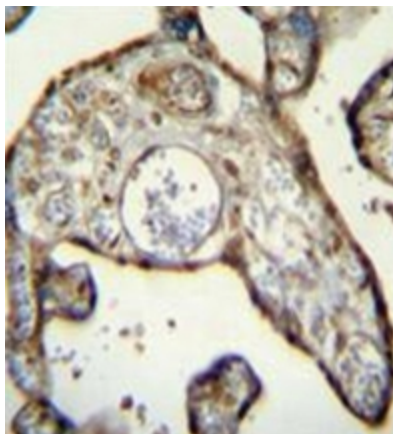
Molecular Weight: 45836 Da

Protein Families:

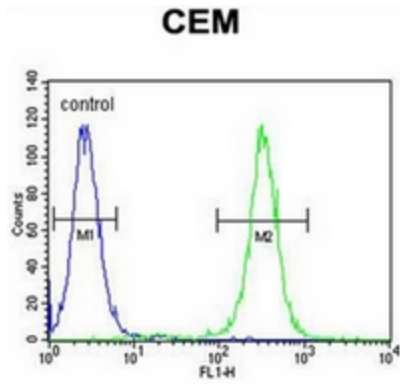
Transcription Factors

Product images:

Western blot analysis of MNDA Antibody (N-term) 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).



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.



Flow cytometric analysis of CEM cells using MNDA Antibody (N-term) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.