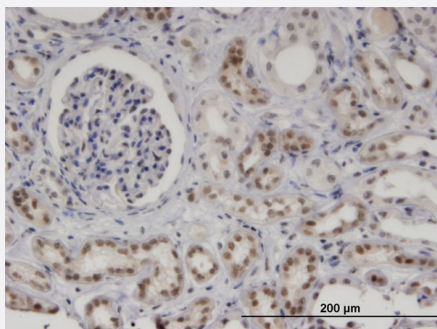


MNDA monoclonal antibody (M01), clone 1H2

Catalog # H00004332-M01

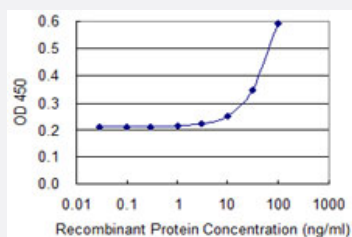
Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to MNDA on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MNDA is 3 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to MNDA on HeLa cell . [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant MNDA.

Immunogen	MNDA (NP_002423.1, 311 a.a. ~ 407 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	QLYKQASGTMVYGLFMLQKKSVHKKNTYIEIQDNTGSMDVVGSGKWHNIKCEKGDKLRLFCQLRLR TVDRKLLKLVCGSHSFIKVIKAKKNKEGPMNVN
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to MNDA on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MNDA is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to MNDA on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — MNDA

Entrez GeneID	4332
GeneBank Accession#	NM_002432
Protein Accession#	NP_002423.1

Gene Name	MNDA
Gene Alias	PYHIN3
Gene Description	myeloid cell nuclear differentiation antigen
Omim ID	159553
Gene Ontology	Hyperlink
Gene Summary	<p>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. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000024384

Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)