DATASHEET

MNDA Rabbit Monoclonal Antibody(ARB616)

CAT. NO. ARB6910

KEY FEATURES

Target	MNDA	Clonality	Monoclonal
Clone ID	ARB616	Applications	IHC
Source / Host	Rabbit	Dilution	1:100-1:200
Reactivity	Human	Storage	at-20°C

BACKGROUND

Myeloid cell nuclear differentiation antigen (MNDA) is an interferon-regulated member of the PYHIN protein family that is selectively expressed in the nuclei of granulocytes and monocytes, where it serves as a transcriptional modulator and apoptosis regulator by interacting with nucleolin and the repressor YY1 to control genes involved in programmed cell death and inflammatory responses. MNDA is confined to myelomonocytic cells and a subset of mantle/marginal zone B cells in spleen, lymph node and tonsil. MNDA is a robust nuclear marker whose diffuse positivity distinguishes marginal zone lymphoma from follicular lymphoma and reactive lymphoid hyperplasia, making it a first-line discriminatory tool in small B-cell lymphoma panels.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:100 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Predicted Molecular Wt	46kDa
Purity	ProA affinity purified IgG
Subcellular location	Nucleus/Cytoplasm
Swissprot ID	P41218
Immunogen	The synthetic peptide corresponding to Human MNDA aa 327-376.
Storage Buffer	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Recommended method	Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.
Alternative Names	Myeloid cell nuclear differentiation antigen
Gene Symbol	MNDA
Entrez Gene	4332

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

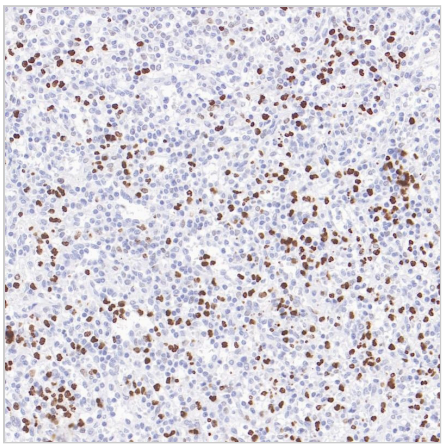
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA



Immunohistochemical staining of human spleen tissue sections using MNDA Rabbit Monoclonal Antibody (ARB616).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com