

**Rabbit Anti-MNDA Polyclonal: RC0312, RC0312RTU7**

**Intended Use:** For Research Use Only

**Description:** Myeloid cell nuclear differentiation antigen or MNDA is expressed constitutively in cells of the myeloid lineage. Found in promyelocyte stage cells as well as in all other stage cells including peripheral blood monocytes and granulocytes. Also appear in myeloblast cells in some cases of acute myeloid Leukemia. May act as a transcriptional activator/repressor in the myeloid lineage. Plays a role in the granulocyte/monocyte cell-specific response to interferon. Stimulates the DNA binding of the transcriptional repressor protein YY1.

**Specifications**

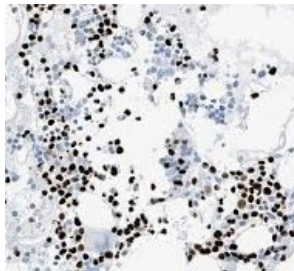
Clone: Polyclonal  
 Source: Rabbit  
 Reactivity: Human  
 Isotype: IgG  
 Localization: Nucleus, cytoplasm  
 Formulation: Antibody in PBS pH 7.4, containing BSA and  $\leq 0.09\%$  sodium azide (NaN<sub>3</sub>)  
 Storage: Store at 2°- 8°C  
 Applications: IHC  
 Package:

Description	Catalog No.	Size
MNDA Polyclonal Concentrated	RC0312	1 ml

**IHC Procedure\***

Positive Control Tissue: Tonsil, lymph node, kidney  
 Concentrated Dilution: 25-100  
 Pretreatment: Citrate pH6.0 or EDTA pH 8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C  
 Incubation Time and Temp: 30-60 minutes @ RT  
 Detection: Refer to the detection system manual

\* Result should be confirmed by an established diagnostic procedure.



FFPE human bone marrow tissue stained with anti-MNDA using DAB

**References:**

1. Identification of MNDA as a new marker for nodal marginal zone lymphoma. Kanellis G, et al. Leukemia. Oct;23(10):1847-57, 2009.
2. Immunocytochemical analysis of MNDA in tissue sections and sorted normal bone marrow cells documents expression only in maturing normal and neoplastic myelomonocytic cells and a subset of normal and neoplastic B lymphocytes. Miranda RN, et al. Hum Pathol. Sep;30(9):1040-9, 1999.
3. Expression of human myeloid cell nuclear differentiation antigen (MNDA) in acute leukemias. Cousar JB, et al. Leuk Res. 14(10):915-20, 1990.