

DATASHEET

Myeloperoxidase Rabbit Monoclonal Antibody (ARM531)

CAT. NO. ARM6821

KEY FEATURES

Target	Myeloperoxidase	Clone ID	ARM531
Source / Host	Rabbit	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

Myeloperoxidase (MPO) is a peroxidase enzyme found most amply in neutrophil granulocytes. Myeloperoxidase is readily detectable in myeloblasts and immature myeloid cells of acute myelogenous leukemia, progranulocytic leukemia, monomyelocytic leukemia, erythroleukemia, myeloblastomas, and other hematopoietic disorders. Anti-Myeloperoxidase has been utilized for immunophenotyping acute lymphoblastic leukemia in bone marrow biopsies, as part of a panel of antibodies. Anti-Myeloperoxidase staining is also used to aid in the diagnosis of extramedullary leukemia or chloroma.

APPLICATION

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

Application	IHC
Dilution Ratio	1:100-1:200

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

PRODUCT OVERVIEW

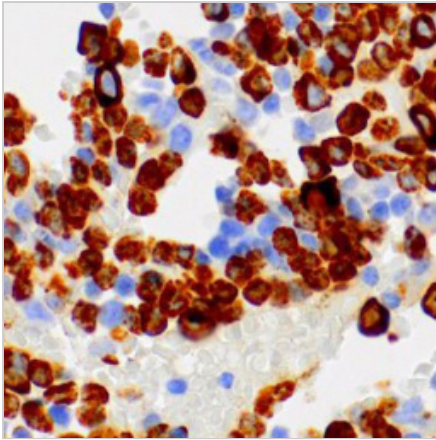
Antibody Type	Primary antibodies
Isotype	IgG
Positive Control	Bone Marrow
Localization	Cytoplasmic
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	MPO
Entrez Gene ID	4353
Uniprot	P05164
Alternative Names	Myeloperoxidase; MPO

*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.

DATASHEET**Myeloperoxidase Rabbit Monoclonal Antibody (ARM531)****CAT. NO. ARM6821****| STORAGE**

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

| DATA

Immunohistochemical staining of human bone marrow tissue using Myeloperoxidase Rabbit Monoclonal Antibody (ARM531).

| RESEARCH USE ONLY

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

More information: [www.arexbio.com / myeloperoxidase-mouse-monoclonal-antibody-arm531-arm6821](http://www.arexbio.com/myeloperoxidase-mouse-monoclonal-antibody-arm531-arm6821)