

Datasheet for ABIN3031898

anti-Myeloperoxidase antibody (AA 60-89)

3 Images



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Overview

Quantity:	0.4 mL
Target:	Myeloperoxidase (MPO)
Binding Specificity:	AA 60-89
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myeloperoxidase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 60-89 from the human protein was used as the immunogen for this Myeloperoxidase antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	Myeloperoxidase (MPO)
Alternative Name:	Myeloperoxidase (MPO Products)
Background:	Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, myeloperoxidase is subsequently cleaved into a light and heavy chain. The mature

Target Details

myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of neutrophils. [provided by RefSeq].

UniProt: [P05164](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Titration of the Myeloperoxidase antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

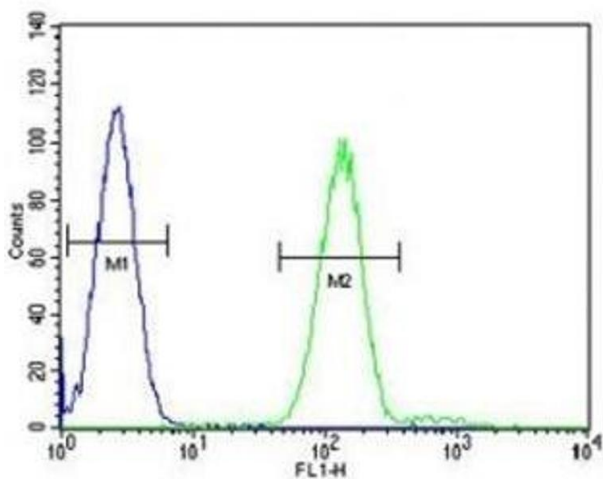
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

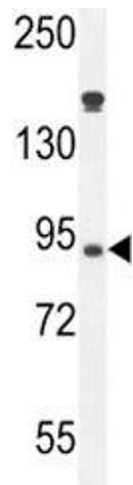
Storage Comment: Aliquot the Myeloperoxidase antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



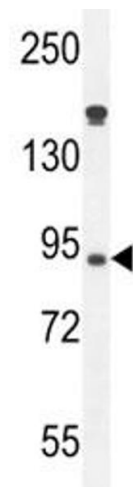
Flow Cytometry

Image 1. Myeloperoxidase antibody flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western Blotting

Image 2. Myeloperoxidase antibody western blot analysis in HL-60 lysate. Expected size ~84 kDa



Western Blotting

Image 3. Myeloperoxidase antibody western blot analysis in HL-60 lysate. Expected size ~84 kDa