

Datasheet for ABIN3031899

anti-Myeloperoxidase antibody (AA 420-448)**3** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	Myeloperoxidase (MPO)
Binding Specificity:	AA 420-448
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myeloperoxidase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 420-448 from the human protein was used as the immunogen for this anti-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

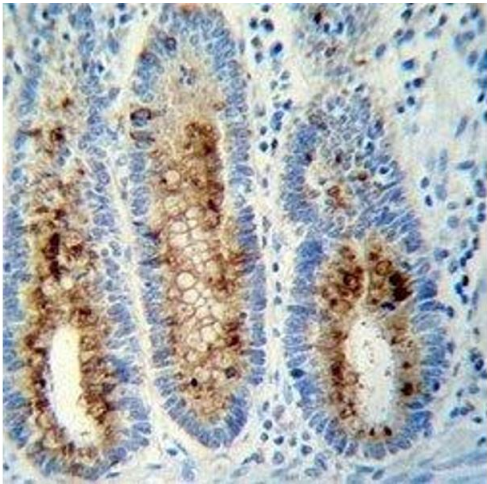
Application Details

Application Notes:	Titration of the anti-Myeloperoxidase antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50
Restrictions:	For Research Use only

Handling

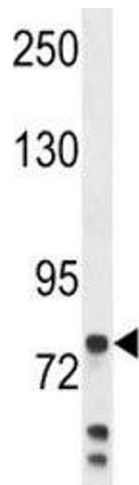
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the anti-Myeloperoxidase antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



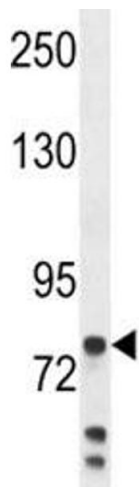
Immunohistochemistry

Image 1. Anti-Myeloperoxidase antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human colon tissue.



Western Blotting

Image 2. Anti-Myeloperoxidase antibody western blot analysis in MDA-MB231 lysate. Expected size ~84 kDa



Western Blotting

Image 3. Anti-Myeloperoxidase antibody western blot analysis in MDA-MB231 lysate. Expected size ~84 kDa