

Datasheet for ABIN737076

anti-Myeloperoxidase antibody (AA 50-100)[Go to Product page](#)**1** Publication

Overview

Quantity:	100 µL
Target:	Myeloperoxidase (MPO)
Binding Specificity:	AA 50-100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myeloperoxidase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MPO
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Myeloperoxidase (MPO)
Alternative Name:	Mpo (MPO Products)
Background:	Synonyms: Myeloperoxidase, MPO

Target Details

Background: Part of the host defense system of polymorphonuclear leukocytes. It is responsible for microbicidal activity against a wide range of organisms. In the stimulated PMN, MPO catalyzes the production of hypohalous acids, primarily hypochlorous acid in physiologic situations, and other toxic intermediates that greatly enhance PMN microbicidal activity.

Gene ID: 4353

UniProt: [P05164](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: WB: 1:100-1000, IHC-P: 1:100-500, IF(IHC-P): 1:50-200
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 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: Store at -20°C for 12 months.

Expiry Date: 12 months

Publications

Product cited in: Depreester, Meyer, Demeyere, Van Eetvelde, Hostens, Opsomer: "Flow cytometric assessment of myeloperoxidase in bovine blood neutrophils and monocytes." in: **Journal of dairy science**, Vol. 100, Issue 9, pp. 7638-7647, (2018) ([PubMed](#)).