

Myeloperoxidase (MPO) (AB1559) mouse mAb

W0369

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 84 kDa (calculated)
- 84; 60 kDa (observed)

Isotype

- IgG2a, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1559
Immunogen	A synthetic peptide corresponding to the amino acid region 350 - 450 of the human Myeloperoxidase protein.
Specificity	The antibody can specifically recognize human Myeloperoxidase protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	MPO		
Protein Name	Myeloperoxidase		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P05164	4353

Background	Myeloperoxidase (MPO) is an important enzyme in the process of phagocytosis and lysis of exosomes by granulocytes. It is a specific marker of bone marrow cells. MPO is strongly expressed in normal lymphoid tissues and various myeloid cell hyperplasia, but not in erythroid precursors, lymphoid cells, prokaryotic cells, mast cells, plasma cells, various epithelial tumors and sarcomas. It is mainly used for the differential diagnosis of myeloid cell tumor and lymphoid cell tumor.
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