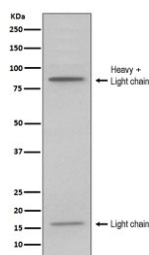


MPO Antibody / Myeloperoxidase [clone AOCF-13] (RQ5109)

Catalog No.	Formulation	Size
RQ5109	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AOCF-13
Purity	Affinity purified
UniProt	P05164
Applications	Western Blot : 1:500-1:2000
Limitations	This MPO antibody is available for research use only.



Western blot testing of human HL60 cell lysate with MPO antibody. Expected molecular weight: 59-64 kDa (alpha chain, may be observed at higher molecular weights due to glycosylation), 150+ kDa (glycosylated mature form).

Description

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 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. [RefSeq]

Application Notes

Optimal dilution of the MPO antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Myeloperoxidase was used as the immunogen for the MPO antibody.

Storage

Store the MPO antibody at -20oC.