

MPO Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0896
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of MPO (aa1-193) expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Myeloperoxidase
Synonyms	MPO; Myeloperoxidase; MPO

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 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.

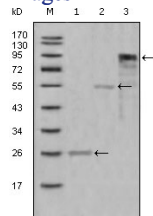
Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using MPO Monoclonal antibody against truncated Trx-MPO recombinant protein (1) truncated MBP-MPO (aa1-193) recombinant protein (2) and truncated MPO(aa165-745)-hIgGfc transfected CHO-K1 cell lysate(3).

Storage

-20°C for one year