

Datasheet

MPO monoclonal antibody (M01), clone 3E11

Catalog Number: H00004353-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant MPO.

Clone Name: 3E11

Immunogen: MPO (NP_000241, 646 a.a. ~ 745 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

GVSEPLKRKGRVGPLLACIIGTQFRKLRDGRFWWEN
EGVFSMQQRQALAQISLPRIICDNTGITTVSKNNIFMSN
SYPRDFVNCSTLPALNLASWREAS

Host: Mouse

Reactivity: Human, Mouse

Applications: ELISA, S-ELISA, WB-Ce, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2b Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4353

Gene Symbol: MPO

Gene Alias: -

Gene Summary: 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. [provided by RefSeq]