

Cleaved-MPO 89k (A49) rabbit pAb

Cat No.:ES1070

For research use only

Overview

Product Name Cleaved-MPO 89k (A49) rabbit pAb

Host species Rabbit
Applications WB;ELISA

Species Cross-Reactivity Human;Rat;Mouse;

Recommended dilutions Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not

yet tested in other applications.

Immunogen Synthesized peptide derived from Cleaved-MPO 89k

(A49) . at AA range: 40-120

Specificity Cleaved-MPO 89k (A49) Polyclonal Antibody detects

endogenous levels of fragment of activated MPO 89k protein resulting from cleavage adjacent to A49.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Myeloperoxidase

Gene Name MPO
Cellular localization Lysosome.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 89kD
Human Gene ID 4353
Human Swiss-Prot Number P05164

Alternative Names MPO; Myeloperoxidase; MPO

Background Myeloperoxidase (MPO) is a heme protein

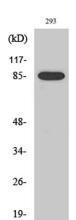
synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, myeloperoxidase is subsequently cleaved

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. [provided by RefSeq, Nov 2014],

Western Blot analysis of various cells using Cleaved-MPO 89k (A49) Polyclonal Antibody



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