



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





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chains and 2 heavy chains. This enzyme produces hypochlorous 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



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C