

PERM (84k, Cleaved-Ser155) rabbit pAb

Cat No.:ES19947

For research use only

Overview

Product Name	PERM (84k, Cleaved-Ser155) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA;IHC
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Immunogen	Synthesized peptide derived from human PERM
	(84k, Cleaved-Ser155)
Specificity	This antibody detects endogenous levels of Human
	PERM (84k, Cleaved-Ser155, protein was cleaved
	amino acid sequence between 154-155)
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	PERM (84k, Cleaved-Ser155)
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	65 84kD
Human Gene ID	4353
Human Swiss-Prot Number	P05164
Alternative Names	Myeloperoxidase (MPO;EC 1.11.2.2) [Cleaved into:
	Myeloperoxidase; 89 kDa myeloperoxidase; 84 kDa
	myeloperoxidase; Myeloperoxidase light chain;
	Myeloperoxidase heavy chain]
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



+86-27-59760950

ELKbio@ELKbiotech.com

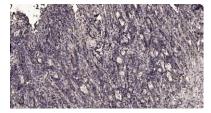
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23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C.



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],

Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).





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