

Anti-MPO Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Cow,Horse,Rabbit,GuineaPig)
Molecular Weight:	Theoretical: 84 kDa. Actual: 15/55-60/84-90 kDa.
Purification:	Protein A purified

Applications

Application:	ELISA
Recommended	ELISA: 1:5000-10000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Myeloperoxidase
Antigen Species:	Human
Gene ID:	4353
Uniprot ID:	P05164
Synonyms:	myeloperoxidase
Biology Area:	Cellular metabolic process,Blood,Arterial,Pulmonary,Macrophage / Inflamm.,Cancer proteins ELISA kits,Cardiovascular ELISA kits,Antioxidants

Research 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]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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