

Product datasheet for **TA814001S**

Myeloperoxidase (MPO) Mouse Monoclonal Antibody [Clone ID: OTI2E1E1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2E1E1
Applications:	ELISA
Recommended Dilution:	ELISA 1:5000-10000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length recombinant protein of human MPO (NP_000241) produced in Baculovirus-Insect cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Predicted Protein Size:	83.7 kDa
Gene Name:	myeloperoxidase
Database Link:	NP_000241 Entrez Gene 4353 Human P05164
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]
Protein Families:	Druggable Genome



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