

Mouse Monoclonal Antibody to Myeloperoxidase

Catalogue Number	sAP-0249
Target Molecule	Name: Myeloperoxidase Aliases: MPO;myeloperoxidase MW: N/A Entrez Gene ID: 4353
Description	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.
Immunogen	Purified recombinant fragment of MPO (aa1-193) expressed in E. Coli.
Recitative Species	Human
Clone	MM9B12G7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Pediatr Hematol Oncol. 2007 May;29(5):293-7. ; 2. PLoS ONE. 2008 Jun 30;3(7):e2816.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**