

Product datasheet for **TA814073S**

Myeloperoxidase (MPO) Mouse Monoclonal Antibody [Clone ID: OTI4D4]

Product data:

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|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI4D4 |
| Applications: | ELISA |
| Recommended Dilution: | ELISA 1:5000-10000 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 155-745 of human MPO (NP_000241) produced in 293F 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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