



Product Datasheet

Product Name	Myeloperoxidase Human Recombinant
Cata No	CB500510
Source	<i>Escherichia Coli.</i>
Synonyms	Myeloperoxidase, EC 1.11.1.7, MPO

Description

Myeloperoxidase is an important enzyme used by granulocytes during phagocytic lysis of foreign particles engulfed. In normal tissues and in a variety of myeloproliferative disorders myeloid cells of both neutrophilic and eosinophilic types, at all stages of maturation, exhibit strong cytoplasmic reactivity for MPO. Erythroid precursors, megakaryocytes, lymphoid cells, mast cells, and plasma cells are nonreactive. MPO is not observed in the neoplastic cells of a wide variety of epithelial tumors and sarcomas. MPO is useful in differentiating between myeloid and lymphoid leukemias.

Myeloperoxidase Human Recombinant protein encoding amino acids 621-745 expressed in E.coli. The MPO purified by proprietary chromatographic techniques.

Physical Appearance

Sterile liquid clear solution.

Formulation

The protein at 100 µg/ml in 50mM Tris-Acetate, pH 7.5, 1mM EDTA and 20% Glycerol.

Stability

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

Avoid multiple freeze-thaw cycles.

Applications

- ELISA
- Inhibition Assays
- Western Blotting