

## MPO

### Rabbit Anti-Human Myeloperoxidase IgG Fraction pAb

<b>Catalog No.</b>	CSI19744A	<b>Quantity:</b>	1.0 mL
	CSI19744B		10 mL

**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, MPO is subsequently cleaved into a light and heavy chain. The mature MPO is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of neutrophils. MPO is a peroxidase enzyme and lysosomal protein stored in azurophilic granules of the neutrophils. Since Human MPO has a heme pigment, it causes the green color in secretions rich in neutrophils.

**GeneID:** 4353

**Concentration:** 10.0 mg/mL

**Host:** Rabbit Serum

**Isotype:** IgG

**Source:** Human Neutrophils

**Formulation:** Frozen Liquid in PBS + 0.1% Sodium Azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

**Purification:** Protein A purified

**Applications:** Indirect ELISA, WB.  
The optimal concentration should be determined by the user for each specific application.

**Storage & Stability:** Store at -20°C.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**



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