

## Anti-Myeloperoxidase [1E8] Standard Size Ab00401-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** 1E8

**Alternative Name(s) of Target:** MPO

**UniProt Accession Number of Target Protein:** P05164

**Published Application(s):** ELISA

**Published Species Reactivity:** Human

**Immunogen:** Human MPO.

**Specificity:** Binds specifically to human MPO.

**Application Notes:** This antibody binds to human MPO, which is part of the host defense system of polymorphonuclear leukocytes and responsible for microbicidal activity against various pathogens.

**Antibody First Published in:** Jethwa et al. Restriction in V kappa gene use and antigen selection in anti-myeloperoxidase response in mice. Journal of Immunology 2000; 165(7):3890-3897 [PMID:11034396](#)

**Note on publication:** Describes the generation of several IgGs and IgMs against human MPO.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.