

Anti-Myeloperoxidase [1E8] Standard Size Ab00401-1.4

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

Isotype and Format: Mouse 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.