

Anti-Myeloperoxidase [1E8] Standard Size Ab00401-10.7

This antibody is in our proprietary AbFab2™ recombinant F(ab2) format - based on Human IgG1 sequence with a short dimerization domain to improve stability and a his tag.

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 F(ab)2, AbFab2™ His-Tagged, 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: 100 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

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.