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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-MPO [12F3A4C11] Standard Size Ab03400-10.3

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 IgG2a format for improved compatibility with existing reagents assays and techniques.

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

Clone Number: 12F3A4C11

Alternative Name(s) of Target: CGMCC No. 19684; myeloperoxidase

UniProt Accession Number of Target Protein: P05164

Published Application(s): WB, IHC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing mice with MPO.

Specificity: The antibody is specific for MPO. Myeloperoxidase (MPO) is a cationic glycoprotein with a relative molecular weight of 133-155kD and an isoelectric point of 1.0 secreted by neutrophils, macrophages and monocytes. MPO is part of the host defense system of polymorphonuclear leukocytes and it is responsible for microbicidal activity against a wide range of organisms.

Application Notes: The antibody specifically detected MPO by Western blot analysis. The antibody 12F3A4C11 and a commercial rabbit polyclonal antibody were used to stain granulocytic sarcoma. Results showed the antibody specificity is comparable to the commercial antibody. Further, the sensitivity of the antibody 12F3A4C11 was higher than the commercial antibody. The antibody and the commercially available antibody were simultaneously detected on the normal tissue chip, indicating that the specificity of the antibody in normal tissue was equivalent to that of the commercially available antibody (CN112194724B).

Antibody First Published in: [PMID:](#)

Note on publication:

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.