

Nur für Forschungszwecke

MPO Monoklonaler Antikörper

Katalog-Nr.:CL594-66177

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: CL594-66177	GenBank-Zugangsnummer: BC130476	Reinigungsmethode: Thiophiler Affinitätschromatograph
Größe: 100ul , Konzentration: 1000 µg/ml von4353 Nanodrop;	GeneID (NCBI): 4353	CloneNo.: 4C11F6
Wirt: Maus	Vollständiger Name: myeloperoxidase	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgA	Berechnete Masse: 745 aa, 84 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 588 nm / 604 nm
Immunogen Katalognummer: AG17564	Beobachtete Masse: 90 kDa	

Anwendungen

Geprüfte Anwendungen: IF	Positivkontrollen: IF : humanes Tonsillitisgewebe,
Getestete Reaktivität: Human, Ratte	

Hintergrundinformationen

The MPO gene encodes myeloperoxidase, a lysosomal hemoprotein located in the azurophilic granules of polymorphonuclear (PMN) leukocytes and monocytes. In response to stimulation, MPO is activated into a transient intermediate with potent antimicrobial oxidizing abilities(PMID:17650507). The mRNA is translated into a single protein of 90 kDa, which displays enzymatic activity and undergoes proteolytic maturation into a heavy chain of 59 kDa and a light chain of 13.5 kDa; these subunits then dimerize into the mature tetramer and the mature MPO is a heterotetramer composed of two identical heavy chains and two identical light chains(PMID:12773517). The 24-kDa material had a map identical to that of 13.5 kDa subunit and represents a dimer of the 13.5 kDa subunit (PMID:3008892). Defects in MPO are the cause of myeloperoxidase deficiency (MPOD). It has 3 isoforms produced by alternative splicing.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

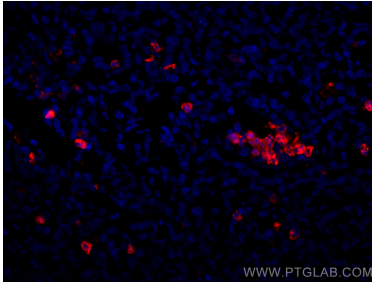
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594 MPO antibody (CL594-66177, Clone: 4C11F6) at dilution of 1:200.