

ARG30197 MPO / Myeloperoxidase ELISA Antibody Duo

Package: 1 pair
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG10145	anti-MPO / Myeloperoxidase antibody [16E3]	Mouse mAb	Hu	ELISA	100 µg
ARG10400	anti-MPO / Myeloperoxidase antibody [18B7]	Mouse mAb	Hu	ELISA, WB	100 µg

Summary

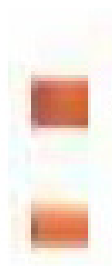
Product Description	Myeloperoxidase (MPO) is a hemoprotein that is abundantly expressed in polymorphonuclear leukocytes (neutrophils) and secreted during their activation. MPO plays an important role in neutrophil microbicidal action through catalyzing chloride ion oxidation to hypochlorous acid, which is a potent antimicrobial agent. On the other hand, it was demonstrated that MPO causes oxidative modification of low density lipoprotein (LDL) to a high uptake form that is considered to be a key event in the promotion of atherogenesis. For this reason, MPO is believed to participate in the initiation and progression of cardiovascular diseases. ARG30197 MPO ELISA Duos, includes a capture antibody, ARG10145 MPO Protein antibody [16E3] and a detection antibody, ARG10400 MPO Protein antibody [18B7], for the quantification of MPO expression level by ELISA.
Target Name	MPO / Myeloperoxidase
Alternate Names	MPO ELISA antibody; MPO / Myeloperoxidase antibody

Properties

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Full Name	ELISA Antibody Duo for MPO
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Immune System antibody; Metabolism antibody



← MPO α -chain

← MPO degraded α -chain

ARG10400 anti-MPO / Myeloperoxidase antibody [18B7] WB image

Western blot: MPO stained with ARG10400 anti-MPO / Myeloperoxidase antibody [18B7], under reducing conditions.