

Mouse Rheumatoid Factor Monoclonal Antibody

Rheumatoid Factor antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74484	Mouse	Reacts with 30% of IgM-RF paraproteins from unrelated individuals. It does not recognize IgM, IgA, or IgG proteins lacking RF, nor with pooled F (ab') ₂ fragments.	ELISA

PRODUCT SYNONYMS

Rheumatoid Factor; Monoclonal Antibody; Rheumatoid Factor antibody; Monoclonal Rheumatoid Factor; Anti-Rheumatoid Factor; RF; Anti Rheumatoid Factor; anti-Rheumatoid Factor antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Reacts with 30% of IgM-RF paraproteins from unrelated individuals. It does not recognize IgM, IgA, or IgG proteins lacking RF, nor with pooled F (ab') ₂ fragments.
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	M310120
Specificity	Human rheumatoid factor
Form/Format	Protein G purified Ig, supplied in PBS buffer, pH 7.4 with NO PRESERVATIVES ADDED.
Concentration	0.8mg/ml (varies by lot)
Sequence Length	107
Applicable Applications for anti-Rheumatoid Factor antibody	ELISA
Immunogen	Purified proteins from patients with IgM cryoglobulins
Biological Significance	Rheumatoid factor (RF or RhF) is an autoantibody (antibody directed against an organism's own tissues) most relevant in rheumatoid arthritis.[1] It is an antibody against the Fc portion of IgG, which is itself an antibody. RF and IgG join to form immune complexes that contribute to the disease process.
Preparation and Storage	4°C short term only, for routine storage, aliquot and freeze at -20°C to 70°C.

ADDITIONAL INFORMATION

Related Product Information for anti-Rheumatoid Factor antibody	Mouse monoclonal Rheumatoid Factor antibody
Product Categories/Family for anti-Rheumatoid Factor antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	58424195
NCBI Official Full Name	rheumatoid factor, partial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rheumatoid-factor-antibody-clone-m310120-elisa/74484>