

Human Rheumatoid Factor Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.	Clone No.	MAb Subtype
12005	RF2-17.109.2	IgG2b

Format: Protein G purified antibody in PBS, pH 7.4

BACKGROUND

Antibodies directed against the Fc fragment of immunoglobulin G (IgG) are called rheumatoid factors (RFs). They are heterogenous and are usually IgM antibodies. RFs are used as a marker in individuals with suspected rheumatoid arthritis (RA) or other autoimmune conditions. The normal reference range for RF is less than 15 IU/mL

SPECIFICATION SUMMARY

Antigen: Purified proteins from patients with IgM cryoglobulins.

Host Species: Mouse

Specificity: This antibody reacts with 30% of IgM-RF from unrelated individuals. It does not recognize IgM, IgA, or IgG proteins lacking RF nor with F(ab')₂ fragments.

APPLICATIONS

This antibody has been qualified for use in ELISA to detect human rheumatoid factor.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.