

Product datasheet for AM05879FC-N

OriGene Technologies, Inc.

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Rituximab Rat Monoclonal Antibody [Clone ID: MB2 A4]

Product data:

Product Type: Primary Antibodies

Clone Name: MB2 A4

Applications: FC

Recommended Dilution: Flow Cytometry: Use 10 μl of neat antibody to label 16 cells in 100 μl.

Reactivity: Human

Host: Rat

Isotype: IgG2a

Clonality: Monoclonal

Immunogen: F(ab)2 fragment of Rituximab

Specificity: This antibody specifically recognizes the idiotypic determinants expressed by the Rituximab

humanised monoclonal antibody. This antibody does not recognise other CD20 antibodies. It has been used to detect Rituximab bound to the surface of the Raji B cell line, however detection of Rituximab bound *'in vivo'* to B-CLL cells has not been demonstrated. It is possible

that complement deposition on Rituximab opsonised cells inhibits binding of the anti-

Rituximab antibody to cell bound Rituximab (3).

Formulation: PBS, pH 7.4

Label: FITC

State: Liquid purified IgG fraction from Tissue Culture Supernatant

Stabilizer: 1% BSA

Preservative: 0.09% Sodium Azide

Concentration: lot specific

Purification: Affinity Chromatography on Protein G

Conjugation: FITC

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

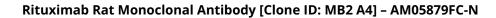
This product is photosensitive and should be protected from light.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Background: Rituximab is a therapeutic reagent directed against the human CD20 cell surface antigen.







Synonyms: Rituxan, MabThera