

Product datasheet for **AM05879FC-N**

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 10 ⁶ 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 ' <i>in vivo</i> ' 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.



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Synonyms: Rituxan, MabThera