

Rat Anti FITC Monoclonal Antibody, Biotin

DMABT-54805RF Rat(FITC)
Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rat Anti FITC,Biotin
Immunogen	FITC conjugated mouse immunoglobulin
Host	Rat
Isotype	IgM
Species	Chemical
Clone	MP-GMVP-2
Conjugation	Biotin
Applications	IHC, ELISA, FCM, WB
Dilution	ELISA: 0 - 0.5 ug/ml

PACKAGING

Format	Purified IgM conjugated to Biotin - liquid
Protein Concentration	Isotype concentration 1.0 mg/ml
Buffer	Phosphate buffered saline
Storage	Store at +4 °C or at -20 °C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Preservative	50%Glycerol0.09%Sodium Azide
Shelf Life	18 months from date of despatch.

BACKGROUND

Introduction	FITC (fluorescein isothiocyanate) is a fluorochrome dye that absorbs ultraviolet or blue light causing molecules to become excited and emit a visible yellow-green light. This emission ceases upon removal of the light causing the excitation. Fluorochrome labeling provides rapid, accurate localization of antigen-antibody interaction when one of the reactants is part of a cell, tissue or other biological structure. FITC is a commonly used marker for antibodies in immunofluorescent techniques since the conjugation of FITC to proteins is relatively easy and does not, in general, destroy the biological activity of the labeled protein. FITC is widely used as a hapten to label different proteins.
Keywords	Fluorescein Isothiocyanate; 6-FITC; 6-ISOTHIOCYANATO-FLUORESCEIN; FITC ISOMER II; ISOMER II; FITC; FLUORESCEIN 6-ISOTHIOCYANATE, ISOMER 2; FLUORESCEIN ISOTHIOCYANATE (ISOMER II); Fluorescein isothioc