

Datasheet for ABIN457907

Mouse anti-Human IgM Antibody (TRITC)[Go to Product page](#)

Overview

Quantity:	0.2 mg
Target:	IgM
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	TRITC
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Highly purified IgM isolated from human serum.
Clone:	NI 179
Isotype:	IgG1 kappa
Specificity:	The reactivity of the antiserum is restricted to a isotype specific determinant of the IgM molecule as tested in indirect binding enzyme immunoassay, immunoblotting, immunoprecipitation and direct immunofluorescence staining of cytoplasmic Ig. Tetramethylrhodamine isothiocyanate-conjugated purified monoclonal mouse antibody to human IgM, isotype specific
Characteristics:	Tetramethylrhodamine isothiocyanate-conjugated purified monoclonal mouse antibody to human IgM, isotype specific Fluorochrome/IgG protein molar ratio (E/P) approximately 5.7.
Purification:	Purified

Target Details

Target: IgM

Abstract: [IgM Products](#)

Target Type: Antibody

Application Details

Application Notes: To identify the presence of IgM in human serum, other body fluids, cell and tissue substrates and to determine its concentration in techniques as direct and indirect immunofluorescence staining of cytoplasmic IgM and cell membrane IgM.

The optimum working dilution is an assay-related characteristic and should always be determined by titration. For histochemical use optimum dilutions are mostly from 1:10 to 1:100. These data should be interpreted as general recommendations only.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute the lyophilized product by adding 0.5 mL sterile distilled water.

Concentration: 0.4 mg/mL

Buffer: Purified monoclonal mouse IgG1 kappa conjugated with TRITC, lyophilized from a solution in phosphate buffered saline (pH 7.2).

Preservative: Without preservative

Handling Advice: Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Avoid repeated thawing and freezing. If a slight precipitation occurs upon storage, this should be removed by centrifugation and will not affect the performance of the product. Diluted ascites should be stored at +4 °C, not refrozen, and preferably used the same day.

Storage: 4 °C/-20 °C

Storage Comment: The lyophilized product is shipped at ambient temperature and may be stored at +4 °C, prolonged storage at or below -24 °C.