

Datasheet for ABIN457860

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

Overview

Quantity:	0.2 mg
Target:	IgA
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	TRITC
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Highly purified monoclonal IgA1 isolated from human serum.
Clone:	NI 69 (A89-036) and NI184 (A89-035)
Isotype:	IgG1 kappa
Specificity:	The reactivity of the antiserum is restricted to determinants on the C H 2 domain of IgA. It reacts with both subclasses of IgA as tested in haemagglutination, haemagglutination inhibition, direct binding enzyme immunoassay, competitive inhibition enzyme immunoassay, immunoblotting, immunoprecipitation, latex agglutination assay and histochemistry (Results of an IUIS/WHO collaborative study, Mestecky J. et al. (1996) J. Immunol. Methods 193, 103-148). Tetramethylrhodamine isothiocyanate-conjugated purified monoclonal mouse antibody to human IgA, isotype specific
Characteristics:	Tetramethylrhodamine isothiocyanate-conjugated purified monoclonal mouse antibody to human IgA, isotype specific

Product Details

Fluorochrome/IgG protein molar ratio (F/P) approximately 1.4.

Purification: Purified

Target Details

Target: IgA

Abstract: [IgA Products](#)

Target Type: Antibody

Application Details

Application Notes: To identify the presence of IgA in human serum, other body fluids, cell and tissue substrates and to determine its concentration in techniques as immunofluorescence staining of cytoplasmic IgA, and immunoblotting using a peroxidase labelled monoclonal antibody against TRITC.

The optimum working dilution is an assay-related characteristic. It may vary widely and should always be determined by titration. For histochemical use optimum dilutions are mostly from 1:20 to 1:100, in Western blotting from 1:200 upwards. Working dilutions may vary widely, strongly depending on the test conditions. 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.

Handling

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.