

Datasheet for ABIN457858

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

Overview

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

Product Details

Immunogen:	Highly purified monoclonal IgA isolated from human serum.
Clone:	NI 69 (A89-034) and NI 184 (A89-035)
Isotype:	IgG1 kappa
Specificity:	The reactivity of the antiserum is restricted to determinants on the C H 2 domain 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). Fluorescein isothiocyanate-conjugated purified monoclonal mouse antibody to human IgA, isotype specific
Characteristics:	Fluorescein isothiocyanate-conjugated purified monoclonal mouse antibody to human IgA, isotype specific Fluorochrome/IgG protein molar ratio (F/P) approximately 1.2.

Product Details

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 FITC.

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.

Comment: Excitation/Emission wavelength: 494 nm/514 nm

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 FITC, 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.