

Datasheet for ABIN457859

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

## Overview

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

## 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. 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). Horseradish peroxidase-conjugated purified monoclonal mouse antibody to human IgA, isotype specific
Characteristics:	Peroxidase/IgG protein molar ratio (E/P) approximately 1.7. Enzyme marker Horseradish peroxidase enriched for isoenzyme C (RZ=3.2).

## Product Details

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Purification: Purified

## Target Details

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Target: IgA

Abstract: [IgA Products](#)

Target Type: Antibody

## Application Details

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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 ELISA, immunoperoxidase staining of cytoplasmic IgA, and immunoblotting. As a second step an avidin or streptavidin conjugate of the customer's choice have to be used.

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 1:10 to 1:50, in ELISA from 1:50 upwards, in Western blotting from 1:100 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

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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 horseradish peroxidase, lyophilized from a solution in phosphate buffered saline (pH 7.2).

Preservative: Without preservative

Handling Advice: Avoid repeated freezing and thawing. Dilute only prior to immediate use  
Centrifuge product if not completely clear after standing at room temperature.  
Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: 4 °C/-20 °C

## Handling

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Storage Comment: The lyophilized product is shipped at ambient temperature and may be stored at +4 °C, prolonged storage at or below -24 °C. Diluted ascites should be stored at +4 °C, not refrozen, and preferably used the same day.