



[Go to Product page](#)

Datasheet for ABIN6963994

## Rat anti-Human IgA Antibody

5 Publications

### Overview

Quantity:	1 mg
Target:	IgA
Reactivity:	Human
Host:	Rat
Clonality:	Monoclonal
Application:	ELISA, ELISpot

### Product Details

Immunogen:	Human IgA
Clone:	MT57
Isotype:	IgG2a
Specificity:	Fc part of native IgA.
Cross-Reactivity (Details):	The monoclonal antibody cross-reacts with IgA from non-human primates.
Purification:	Purified from in vitro cultures by protein G affinity chromatography.

### Target Details

Target:	IgA
Abstract:	<a href="#">IgA Products</a>
Target Type:	Antibody
Gene ID:	3494, 3493

## Application Details

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Application Notes: For quantification of IgA in serum, plasma and cell culture supernatants using ELISA and for enumeration of IgA (total and antigen-specific) producing cells using ELISpot. Human IgA: In ELISA, MT57 is recommended as coating mAb in combination with ALP-conjugated detection mAb MT20 .

Restrictions: For Research Use only

## Handling

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Concentration: 0.5 mg/mL

Buffer: supplied at 0.5 mg/mL in PBS with 0.02 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/ thawing. The expiry date indicates how long unopened products, stored according to instructions, are recommended for use.

Expiry Date: 18 months

## Publications

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Product cited in: Colombo, Pereira, da Silva, Ribas, Parisotto, Mattos-Graner, Smith, Duque: "Relationship between the IgA antibody response against *Streptococcus mutans* GbpB and severity of dental caries in childhood." in: **Archives of oral biology**, Vol. 67, pp. 22-7, (2017) ([PubMed](#)).

Klippert, Neumann, Stahl-Hennig: "Comparative phenotypical analysis of B cells in fresh and cryopreserved mononuclear cells from blood and tissue of rhesus macaques." in: **Journal of immunological methods**, Vol. 433, pp. 59-68, (2017) ([PubMed](#)).

Bankó, Pozsgay, Szili, Tóth, Gáti, Nagy, Rojkovich, Sármay: "Induction and Differentiation of IL-10-Producing Regulatory B Cells from Healthy Blood Donors and Rheumatoid Arthritis Patients." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 198, Issue 4, pp. 1512-1520, (2017) ([PubMed](#)).

Järnum, Bockermann, Runström, Winstedt, Kjellman: "The Bacterial Enzyme IdeS Cleaves the IgG-Type of B Cell Receptor (BCR), Abolishes BCR-Mediated Cell Signaling, and Inhibits Memory B Cell Activation." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 195, Issue 12, pp. 5592-601, (2016) ([PubMed](#)).

De Bruyne, Bogaert, De Ruyck, Lambrecht, Van Winckel, Gevaert, Dullaers: "Calcineurin inhibitors dampen humoral immunity by acting directly on naive B cells." in: **Clinical and experimental immunology**, Vol. 180, Issue 3, pp. 542-50, (2015) ([PubMed](#)).