



Datasheet for ABIN6963995

Rat anti-Human IgA Antibody (Biotin)



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Overview

Quantity:	1 mg
Target:	IgA
Reactivity:	Human
Host:	Rat
Clonality:	Monoclonal
Conjugate:	Biotin
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:	IgA Products
Target Type:	Antibody

Target Details

Gene ID: 3494, 3493

Application Details

Application Notes: For enumeration of IgA (antigen-specific) producing cells using ELISpot with coated antigen.

Comment: Biotinylated through reaction with a N-hydroxysuccinimide ester of biotin.

Restrictions: For Research Use only

Handling

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

Product cited in: Kim, Liebowitz, Lin, Kasperek, Pasetti, Garg, Gottlieb, Trager, Tucker: "Safety and immunogenicity of an oral tablet norovirus vaccine, a phase I randomized, placebo-controlled trial." in: **JCI insight**, Vol. 3, Issue 13, (2019) ([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](#)).

Kesa, Larsson, Ahlborg, Axelsson: "Comparison of ELISpot and FluoroSpot in the Analysis of Swine Flu-Specific IgG and IgA Secretion by in Vivo Activated Human B Cells." in: **Cells**, Vol. 1, Issue 2, pp. 27-34, (2014) ([PubMed](#)).