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Datasheet for ABIN6963957  
**anti-IgE antibody (Biotin)**

5 Publications

### Overview

Quantity:	1 mg
Target:	IgE
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IgE antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Human IgE
Clone:	182
Isotype:	IgG2b
Specificity:	Native human IgE
Purification:	Purified from in vitro cultures by protein G affinity chromatography.

### Target Details

Target:	IgE
Abstract:	<a href="#">IgE Products</a>
Gene ID:	3497

## Application Details

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Application Notes:	For quantification of IgE in serum, plasma and cell culture supernatants using ELISA using ELISA. 182 is recommended as detection mAb in combination with coating mAb 107 .
Comment:	Biotinylated through reaction with a N-hydroxysuccinimide ester of biotin.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	supplied at 1 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.
Expiry Date:	18 months

## Publications

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Product cited in:	<p>Asrat, Kaur, Liu, Ben, Kajimura, Murphy, Sleeman, Limnander, Orengo: "Chronic allergen exposure drives accumulation of long-lived IgE plasma cells in the bone marrow, giving rise to serological memory." in: <b>Science immunology</b>, Vol. 5, Issue 43, (2020) (<a href="#">PubMed</a>).</p> <p>Sánchez Ramírez, Morera Díaz, Bequet-Romero, Hernández-Bernal, Selman-Housein Bernal, de la Torre Santos, Santiesteban Álvarez, Martín Bauta, Bermúdez Badell, de la Torre Pupo, Gavilondo, Ayala Avila: "Characteristics of the specific humoral response in patients with advanced solid tumors after active immunotherapy with a VEGF vaccine, at different antigen doses and using two distinct adjuvants." in: <b>BMC immunology</b>, Vol. 18, Issue 1, pp. 39, (2018) (<a href="#">PubMed</a>).</p> <p>Bundhoo, Paveglio, Rafti, Dhongade, Blumberg, Matson: "Evidence that FcRn mediates the transplacental passage of maternal IgE in the form of IgG anti-IgE/IgE immune complexes." in: <b>Clinical and experimental allergy : journal of the British Society for Allergy and Clinical Immunology</b>, Vol. 45, Issue 6, pp. 1085-98, (2016) (<a href="#">PubMed</a>).</p>
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Andersen, Mondal, Preissler, Freed, Stockinger, Bell, Druschel, Louis, Lawrence: "Detection of immunoglobulin isotypes from dried blood spots." in: **Journal of immunological methods**, Vol. 404, pp. 24-32, (2014) ([PubMed](#)).

Wakamatsu, Satake, Igarashi, Dogru, Ibrahim, Okada, Fukagawa, Shimazaki, Fujishima: "IgE and eosinophil cationic protein (ECP) as markers of severity in the diagnosis of atopic keratoconjunctivitis." in: **The British journal of ophthalmology**, Vol. 96, Issue 4, pp. 581-6, (2012) ([PubMed](#)).