

Product datasheet

Natural human IgE protein ab92394

1 Image

Overview

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<b>Product name</b>	Natural human IgE protein
<b>Protein length</b>	Full length protein

Description

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<b>Nature</b>	Native
<b>Source</b>	Native
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human

Specifications

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Our [Abpromise guarantee](#) covers the use of **ab92394** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Biological activity</b>	Activity: >18,500 IU/ml (ACS: 180 standardized against WHO 2nd IRP 75/502, 1IU = 2.4ng IgE)
<b>Applications</b>	Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Human Myeloma IgE kappa from Human plasma

Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Preservative: None This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

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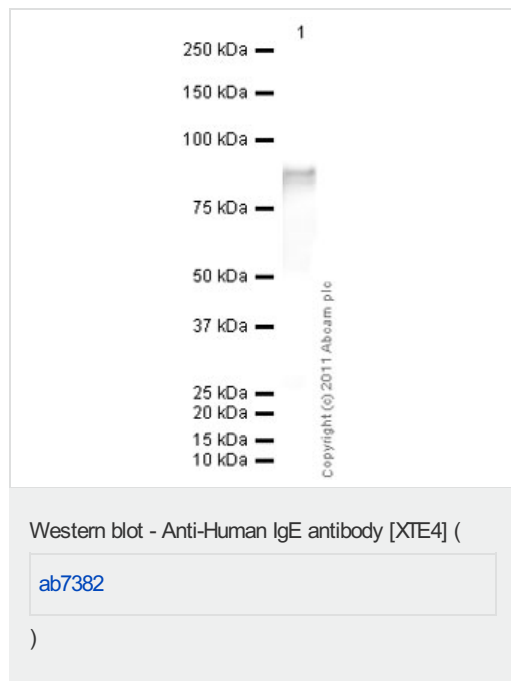
<b>Relevance</b>	IgE is the class of antibodies produced in the lungs, skin, and mucous membranes. It may protect against parasite invasion, but it is a major factor in allergic reactions. The antigen-specific IgE interacts with mast cells and eosinophils, triggers the release of histamine,
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leukotrienes and other substances that lead to the itching, sneezing and congestion of allergies - and the life threatening respiratory distress of asthma and anaphylactic shock.

## Cellular localization

Cell Membrane

## Images



Anti-IgE antibody [XTE4] ([ab7382](#)) at 1 µg/ml  
+ Natural human IgE protein ([ab92394](#)) at 0.01 µg

### Secondary

Goat Anti-Mouse IgG H&L (HRP)  
preadsorbed ([ab97040](#)) at 1/5000 dilution  
Developed using the ECL technique

Performed under reducing conditions.

**Exposure time** : 8 minutes

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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