

Product datasheet

Natural human IgE protein ab92394

1 Image

Overview

Product name Natural human IgE protein
Protein length Full length protein

Description

Nature Native
Source Native

Amino Acid Sequence

Species Human

Specifications

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.

Biological activity Activity: >18,500 IU/ml (ACS: 180 standardized against WHO 2nd IRP 75/502, 1IU = 2.4ng IgE)

Applications Western blot

Form Liquid

Additional notes Human Myeloma IgE kappa from Human plasma

Preparation and Storage

Stability and Storage 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.

General Info

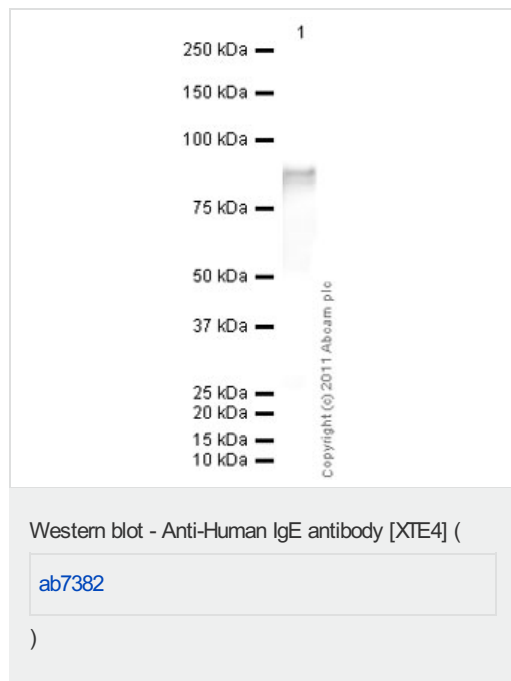
Relevance IgE is the class of antibodies produced in the lungs, skin, and mucous membranes. It may protect against parasite invasion, but it is a major factor in allergic reactions. The antigen-specific IgE interacts with mast cells and eosinophils, triggers the release of histamine,

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

IgE contains a number of potential glycosylation sites so it is thought that this is the reason the full length protein runs at 80kDa.

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