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HRP-conjugated Rabbit-Human IgE(Fc) PolymAb®

Catalog No.: AS161PM

Basic Information

Observed MW

/55kDa

Calculated MW

47kDa

Category

Secondary antibody

Applications

WB,ELISA

Cross-Reactivity

Conjugate

HRP

Background

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

Recommended Dilutions

WB 1:80000 - 1:170000

ELISA 1:5000-1:10000

Immunogen Information

Gene ID Swiss Prot

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

Igh2; IGHE; IGHEP1; Human IgE

Contact

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Product Information

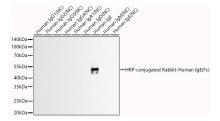
SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using HRP-conjugated Rabbit-Human IgE(Fc) PolymAb \circledast (AS161PM) at 1:170000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 10ng μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

 $Negative\ control\ (NC):\ Human\ IgG1, Human\ IgG2, Human\ IgG3, Human\ IgG4, Human\ IgA1, Human\ IgG4, Hum$

IgD,Human IgM,Human IgE Exposure time: 90s.