

Datasheet for ABIN458195

Pig anti-Human IgE (Fc Region) Antibody (HRP)[Go to Product page](#)

Overview

Quantity:	1 mL
Target:	IgE
Binding Specificity:	Fc Region
Reactivity:	Human
Host:	Pig
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Western Blotting (WB), Immunocytochemistry (ICC), Dot Blot (DB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Purified monoclonal IgE isolated from human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	Horseradish peroxidase-conjugated IgG fraction of polyclonal Swine antiSerum to Human IgE, Fc specific.
Cross-Reactivity (Details):	Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this antiSerum has not been tested in detail.
Characteristics:	The reactivity of the antiserum is directed to the Fc subunit of the IgE molecule which expresses strict isotypic (class) specificity. It does not react with any non-Ig protein in human serum, as tested by immunoelectrophoresis and double radial immunodiffusion. In enzyme-

Product Details

immunocytochemical and immunohistochemical staining for the detection of IgE at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates, to demonstrate circulating IgE antibodies in serodiagnostic microbiology and autoimmune diseases, to identify a specific antigen using a reference antibody of human origin known to be of the IgE isotype in the middle layer of the indirect test procedure, in non-isotopic assay methodology (e.g. ELISA) to measure IgE in human serum or other body fluids. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal.

Purification: Purified

Target Details

Target: IgE

Abstract: [IgE Products](#)

Application Details

Application Notes: ELISA,Immunocytochemistry,Immunohistochemistry (paraffin),Dot blot,Immunoblotting.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is reconstituted by adding 1 mL sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -20 °C.Horseradish peroxidase-coupled purified hyperimmune swine IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity. It is reconstituted by adding 1 mL sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -20 °C.

Buffer: Horseradish peroxidase-coupled purified hyperimmune swine IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity.

Preservative: Without preservative

Storage: RT,4 °C,-20 °C

Handling

Storage Comment: The lyophilized conjugate is shipped at ambient temperature and may be stored at +4°C, prolonged storage at or below -20°C. Prior to use, an aliquot is thawed slowly at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4°C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the immunoconjugate.