

Human IgE (non-immune)

Human monoclonal antibody (non-immune), biotinylated

Subclass: IgE/k

PRODUCT NO.

DIA HE1B

PRESENTATION

Clone: HE1
Production: In vitro hollow fibre production system
Preparation: Protein L purified, Biotinylated
Content: Available in 150 µL, 1mg/mL
Solvent: 0.01 M phosphate buffer, pH 7.4, with 0.15 M NaCl and 0.09 % azide
Storage: Store at 2 to 8°C. Do not freeze

PREPARATION

This product is purified human IgE with kappa light chains produced in vitro from a monoclonal hybridoma. Original material is obtained from a healthy donor tested negative by US-FDA approved tests against HIV, HCV and Hepatitis B, but must be handled as potentially infectious as all human material.
The purity of the human IgE is > 90%, tested by SDS-PAGE. As the IgE comes from a monoclonal cell line, there is no contamination of antibodies of other isotypes. The human IgE is purified by Protein L chromatography. The remaining contaminants are mainly components from Foetal Bovine Serum.

APPLICATION

This antibody is well suited as a standard in IgE quantifying assays due to its very low batch-to-batch variation. Other applications include immunochemistry and cellular immunology research.

REFERENCES

Sletten GBG, Halvorsen R, Egaas E, Halstensen TS (2007) Memory T cell proliferation in cow's milk allergy after CD25+ regulatory T cell removal suggests a role for casein-specific cellular immunity in IgE-mediated but not in non-IgE-mediated cow's milk allergy. *Intarch allergy immunol* 142:190-198.

Šnejdárková M, Svobodová L, Polohová V, Hianik T (2007) The study of surface properties of an IgE-sensitive aptasensor using an acoustic method. *Anal Bioanal Chem* 290:1087-1091.

Papamichael KI, Kreuzer MP, Guilbault GG (2007) Viability of allergy (IgE) detection using an alternative aptamer receptor and electrochemical means. *Sensor Actuat B-Chem* 121:178-186.

More references are available at www.bioporto.com

CONDITIONS

Unless otherwise marked, all products are for research use only. Not for use in diagnostic procedures. Not for use in human therapeutic applications. For in vitro use or further manufacture only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The foregoing is in lieu of all warranties, expressed or implied, including implied warranties of merchantability and fitness for a particular purpose. In no event shall BioPorto Diagnostics A/S be responsible for loss of profits or indirect consequential losses resulting from use of its products.