Anti-Human IgE (LO-hE-10)

Rat Monoclonal Antibody

Cat. No.	Conjugate	Unit Size
LO-hE-10-P-0.1	purified	100µl
LO-hE-10-P-0.5	purified	500µl
LO-hE-10-P-1	purified	1ml
LO-hE-10-HRP-0.5	Peroxidase	500µl
LO-hE-10-HRP-1	Peroxidase	1ml
LO-hE-10-BIOT-0.5	Biotin	500µl
LO-hE-10-BIOT-1	Biotin	1ml

Product Information

Supplied as: 1 mg/ml affinity purified antibody prepared in PBS buffer, pH 7.6, with 0.09% sodium azide as preservative FITC and Biotin labelled antibodies are supplied in PBS buffer, pH 7.6, with 0.09% sodium azide and 50% glycerol.

Origin: Hybridoma derived by hybridization of spleen cells from immunized rat with the non secreting IR983F LOU/C rat myeloma cell line.

Immunogen: Purified Human IgE

Clone: LO-hE-10

Host / Isotype: RatKappa IgG1, allotype IgK-1a

Reactivity: Human epsilon heavy chain of immunoglobulin. LO-hE-10 and LO-hE-17 do not bind to the same epitope.

Cross-Reactivity: not determined

Avidity: on human IgE monoclonot determinedl myeloma protein: 5.9 x 10^9*M^-1

Applications:
- CAPTURE ELISA: GOOD BINDING ON PLASTICS
- CAN BE USED AS SECOND ANTIBODY IN IMMUNOASSAYS

Storage and Stability: For longterm storage store product at -20°C.

At 2-8°C the undiluted stock solution of the antibody is stable for a few weeks. Repeated freezing and thawing of unconjugated antibody should be avoided. It is recommended to aliquot unconjugated antibody before freezing.
Labelled antibodies (Peroxidase, FITC, Biotin) contain 50% glycerol as antifreezing and remain liquid at -20°C. In this case aliquoting is not required.

It's recommended to prepare a working dilution fresh prior to use.

Expiry information is given on the label and / or data sheet supplied upon delivery

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Safety Information: Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Purified, FITC, and Biotin labelled antibody contains 0.09% sodium azide (a poisonous and hazardous substance) as preservative. Although this concentration is not regarded as dangerous to health, appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. Peroxidase conjugate contains no hazardous constituents.

Note: *This information sheet contains general product information only. For detailed lot specific information consult the label and data sheet supplied by the manufacturer upon delivery of the product.*

References:

(1) Bazin H. Production of rat monoclonal antibodies with the LOU rat non secreting IR983F myeloma cell line. Prot. Biol. Fluids, 1982, Peeters E. ed., 29th colloquium 1981, Pergamon Press, Oxford and N.Y. : 615-618

For more information, see:

"Rat Hybridomas and Rat Monoclonal Antibodies". H. BAZIN (Ed.). CRC Press, Boca Raton, Florida, USA, 1990, 515 pages.

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.

This product is warranted to perform in conformance with the product specifications provided by the manufacturer and to be free from defects in material and workmanship. Products are supplied for research use only. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated, this warranty is limited to the period of stability as indicated on the label and / or data sheet at the time of delivery of the product when the product is subjected to normal, proper and intended usage. The remedy for non-conforming products is limited to replacement of or refund for the non-conforming product(s). There is no obligation to replace products as the result of accident or inappropriate use, improper storage or handling of the products.

Manufacturer:

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6 Chemin du Cyclotron
B-1348 Louvain-la-Neuve, Belgium

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