IgE monoclonal antibody, clone 4H10

Catalog # MAB6452 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against IgE.
Immunogen	Human IgE.
Host	Mouse
Reactivity	Human
Specificity	This antibody reacts with human IgE.
Form	Liquid
Purification	Protein-A affinity chromatography.
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In TBS, pH 8.0 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry
- Enzyme-linked Immunoabsorbent Assay

Publication Reference

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- IgE isotype determination: epsilon-germline gene transcription, DNA recombination and B-cell differentiation.

  H J Gould, R L Beavil, D Vercelli.

  British Medical Bulletin 2000 Jan; 56(4):908.

  Application: ELISA, Human, Human plasma

- T cell-dependent differentiation of human B cells into IgM, IgG, IgA, or IgE plasma cells: high rate of antibody production by IgE plasma cells, but limited clonal expansion of IgE precursors.

  Brinkmann V, Heusser CH.

  Cellular Immunology 1993 Dec; 152(2):323.

  Application: ELISA, Human , Human B cells

- Serological abnormalities in juvenile chronic arthritis: a review of 46 cases.

  Balogh Z, Meretey K, Falus A, Bozsoky S.

  Annals of the Rheumatic Diseases 1980 Apr; 39(2):129.

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