

Datasheet

IgE monoclonal antibody, clone 4H10 (FITC)

Catalog Number: MAB6432

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against IgE.

Clone Name: 4H10

Immunogen: Human IgE.

Host: Mouse

Reactivity: Human

Applications: Flow Cyt

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody recognizes an epitope different from the ones recognized by BE5 and 4G7 antibodies to IgE.

Form: Liquid

Conjugation: FITC

Concentration: 0.1 mg/mL

Isotype: IgG1

Recommend Usage: Flow Cytometry (2-5 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.2% BSA, 0.09% sodium azide)

Storage Instruction: Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

References:

1. IgE isotype determination: epsilon-germline gene transcription, DNA recombination and B-cell differentiation. Gould HJ, Beavil RL, Vercelli D. Br Med Bull. 2000;56(4):908-24.
2. 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. Cell Immunol. 1993 Dec;152(2):323-32.
3. Serological abnormalities in juvenile chronic arthritis: a review of 46 cases. Balogh Z, Meretey K, Falus A, Bozsoky S. Ann Rheum Dis. 1980 Apr;39(2):129-34.