

## Datasheet

### IgM monoclonal antibody, clone CH2 (PE)

**Catalog Number:** MAB4497

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against IgM.

**Clone Name:** CH2

**Immunogen:** Human IgM.

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, Flow Cyt, ICC, WB  
(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 reacts with Fc fragment of human IgM.

**Form:** Liquid

**Conjugation:** PE

**Concentration:** 0.1 mg/mL

**Isotype:** IgG1

**Recommend Usage:** Flow Cytometry (0.5 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. 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.

2. 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.

3. Serum immunoglobulins after surgical operation. Fuller JM, Keyser JW. Clin Chem. 1975 May;21(6):667-71.