

anti-mouse CD45RC FITC-conjugated**Cat-No.: M22153F** **1 ml****Clone:** IBL-8**Specificity:**

CD45 is a transmembrane phosphotyrosine phosphatase expressed on leukocytes. The CD45RC monoclonal antibody is directed against the exon C-dependent RC isoform and reacts strongly with B cells and less intensely with most CD8+ T cells. It does not recognize CD4+ T cells and myeloid cells do not express the RC isoform.

Isotype subclass: Rat IgG1**Form:**

Purified, FITC conjugated

Physical state: Liquid**Buffer/Additives/Preservative:**

PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.4).

Expiration date:

The reagent is stable until the expiry date stated on the vial label.

Storage conditions:

Store at 4 °C. Do not freeze. Avoid prolonged exposure to light.

Application:

Flow Cytometry
Immunoprecipitation
Immunohistochemistry (acetone-fixed and frozen sections)

References:

1. Czompoly T, Labadi A, Balazs M, Nemeth P, and P Balogh. Use of cyclic peptide phage display library for the identification of a CD45RC epitope expressed on murine B cells and their precursors. *Biochemical and Biophysical Research Communications*. 2003 **307** : 791-796

Warning:

Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

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