

anti-mouse CD45RB FITC-conjugated**Cat-No.: M22152F** **1ml****Clone:** 16A**Specificity:**

The anti-mouse CD45RB monoclonal antibody reacts with the CD45 isoform containing the exon B dependent epitope. CD45RB is highly expressed on peripheral B cells, cytotoxic T cells, a subset of T helper cells and most thymocytes.

Isotype subclass: Rat IgG2a**Form:**

Purified from ascitic fluid via Protein G Chromatography, 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
Immunohistology with acetone fixed section and paraffin embedded sections
Immunoprecipitation.

References:

1. Bottomly, K., M. Lugman, L. Greenbaum, S. Carding, I. West, T. Pasqualini, and D.B. Murphy. A monoclonal antibody to murine CD45R distinguishes CD4 T cell populations that produce different cytokines. *Eur. J. Immunol.* 1989. 19:617-623.
2. Hathcock, K.S., H. Hirano, R.J. Hodes. CD45 expression by murine B cells and T cells: Alteration of CD45 isoforms in subpopulations of activated B cells. *Immunol. Res.* 1993. 12:21-36.

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.

This material is offered for **research only**. Not for use in human. For in vitro use only.
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