

anti-mouse CD45R purified**Cat-No.: M22131 0.1mg****Clone:** RA3-6B2**Specificity:**

This anti-mouse CD45R, B220 (Ly 5) monoclonal antibody reacts with a form of the CD45 antigen found on B cells and lytically active subsets of NK cells and non - MHC restricted CTL's (1,2,3,4). This antibody immunoprecipitates the high molecular weight (220,000 Da) surface molecule of the leukocyte common antigen B220 (1) on B cells.

Isotype subclass: Rat IgG2a**Form:** Purified**Physical state:** Liquid**Buffer/Additives/Preservative:** PBS containing 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. For long term storage aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Application:

Flow Cytometry
Immunoprecipitation
Immunohistochemistry

References:

- 1) Coffman, B. 1982. Surface antigen expression and immunoglobulin rearrangement during mouse pre-B cell development. *Immunological Rev.* 69:5- 23.
- 2) Zuhair,, K., Ballas, and Rasmussen, W., 1993. Lymphokine-activated killer cells VII. IL-4 induces an NK1.1 + CD8a+b- TCR aβ B220+ lymphokineactivated killer subset.
- 3) Asensi, V., and Kimeno, K., et al. 1989. Treatment of autoimmune MRL/lpr mice with anti-B220 monoclonal antibody reduces the level of anti-DNA antibodies and lymphadenopathies. *Immunology* 68: 204 -208.
- 4) Ballas, A. K., and W. Rasmussen. 1990. Lymphokine-activated killer (LAK) cells. IV. Characterization of murine LAK effector subpopulations, *J. Immunol.* 144:386.
- 5) Whiteland, J.L et al (1995). Immunohistochemical detection of T cell subsets and other leukocytes in paraffin embedded rat and mouse tissues with monoclonal antibodies .*J. Histochem. Cytochem.* 43: 313-320

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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