

anti-rat CD2 PE-conjugated

PE- conjugated monoclonal antibody MRC OX-34 to rat CD2

Cat-No: **23150024**

500 µl

Clone: MRC OX-34

Specificity: This anti-rat CD2 monoclonal antibody reacts with the 50kDa surface glycoprotein LFA-2, designated as CD2. LFA-2 is the receptor for LFA-3. This antibody labels all peripheral T cells and most thymocytes, but does not label B cells or peritoneal macrophages. It does not activate T cells.

Isotype subclass: Mouse IgG2a

Form: The purified antibody is conjugated with R-Phycoerythrin (R-PE) under optimum conditions. The reagent is free of unconjugated R-PE and adjusted for direct use. No reconstitution is necessary.

Physical state: Liquid

Buffer/Additives/Preservative: PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.2).

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

Storage conditions: Store at 4 °C. Avoid prolonged exposure to light.

Application: Flow Cytometry

References: 1. Jeffries, W.A., Green, J.R., and A.F. Williams (1985), Authentic T cell helper CD4 (W3/25) antigen on rat peritoneal macrophages, J. Exp. Med. 162, 117-127

2. Beyers, A.D., Barclay, A.N., Law, D.A. et al. (1989), Activation of T cell lymphocytes via monoclonal antibodies against rat cell surface antigens with particular reference to CD2 antigen, Immunol. Rev. 111, 59-77

3. Clark, S.J., Law, D.A., Paterson, D.J. et al. (1988), Activation of rat T lymphocytes by anti-CD2 monoclonal antibodies, J. Exp. Med. 167, 1861-1872

Warning: Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink, and animal feedingstuff (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. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

ImmunoTools Excellent Quality - Advantageously priced

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