

**anti-rat CD2 PE-conjugated****Cat-No.:** R32125P**1 ml****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:**

Purified from ascitic fluid via Protein G Chromatography. PE- 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. 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 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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