

anti-rat CD25 FITC-conjugated**Cat-No.:** R32132F**1 ml****Clone:** MRC OX-39**Specificity:**

This anti-rat Interleukin-2 receptor monoclonal antibody recognizes the smaller (alpha subunit) 55kD chain of the IL-2 receptor found on activated rat T cells, thymic dendritic cells but not resting lymphocytes (1). CL039F bind to the rat interleukin-2 receptor and has proven to be an important marker for activated T cells (2).

Isotype subclass: Mouse IgG1**Form:** 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
Immunohistochemistry (paraffin and frozen sections)

References:

1. Paterson, D.J., Jeffries, W.A., Green, J.R., Brandon, M.R., Corthesy et al. (1987) Mol Immunol. 24, 1281-1290. Antigens of Activated Rat T Lymphocytes Including a Molecule of 50,000 Mr Detected Only on CD4 Positive T Blasts.
2. Barclay, A.N. (1981) Immunology. 42, 593-600. The Localization of populations of lymphocytes defined with monoclonal antibodies in rat lymphoid tissues.

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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