

**anti-rat CD11b/c PE-conjugated****Cat-No.: R32131P****1 ml****Clone:** MRC OX-42**Specificity:**

This anti-rat CD11b/c monoclonal antibody recognizes most macrophages including resident peritoneal macrophages, kupffer cells, but only approximately 35% of alveolar macrophages. It also labels dendritic cells extensively, granulocytes and cells with morphology of microglia in the brain. It precipitates three polypeptides of M.W. 160, 103 and 95kDa. This antibody inhibits complement mediated rosettes and is probably the rat equivalent of the human receptor for iC3b and CR3. This monoclonal antibody should prove useful in the recognition of macrophages and microglia.

**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. Do not freeze. Avoid prolonged exposure to light.

**Application:**

Flow Cytometry

**References:**

1. Aihara, N. et al. (1995), J. Neurotrauma 12, 53-63
2. Robinson, A.P. et al. (1986) Immunology, 57, 239-247
3. Whiteland, J.L. et al. (1995) J Histochem. And 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.

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