

anti-rat CD48**Cat-No.: R32138****0.1 mg****Clone:** MRC OX-45**Specificity:**

This anti-rat CD48 (Blast-1) monoclonal antibody recognizes a rat cell surface glycoprotein of 45 kDa that is present on a wide variety of hematopoietic cells and endothelial cells. The antigen is identically to the mouse BCM1 antigen. This antibody inhibits allogenic mixed lymphocyte reactions using lymph node cells as responders and spleen cells as stimulators. CD48 has recently been identified as a ligand of the NK cell inhibitory receptor CD244.

Isotype subclass: Mouse IgG 1**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:

For long term storage, aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

Application:

Flow Cytometry

References:

1. J. Arvieux, W.A. Jefferies, D.J. Patterson, A.F. Williams and J.J. Green. (1986) Monoclonal antibodies against a rat leukocyte antigen block antigen-induced T-cell responses via an effect on accessory cells. *Immunol.* 58, 337-342
2. Wong et al (1990) Mouse BCM1 Antigen, *J Exp. Med.* 171, 2115

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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