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AF/LE Purified Anti-Mouse CD18 Antibody[M18/2]

catalog number: E-AB-F11130

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Mouse

Immunogen Recombinant Mouse CD18 protein

Host Rat

Isotype Rat IgG2a, κ
Clone M18/2

Purification >98%, Protein A/G purified

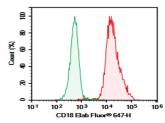
Buffer Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL

method.

Applications Recommended Dilution

FCM 2 μ g/mL(0.5×10⁶-1×10⁶ cells)

Data



C57/BL6 Mouse splenocytes were stained with 0.2 μg AF/LE Purified Anti-Mouse CD18 Antibody[M18/2] (Right) and 0.2 μg Rat IgG2a, κ Isotype Control (Left), followed by Elab

Fluor® 647-conjugated Goat Anti-Rat IgG Secondary Antibody.

Preparation & Storage

Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /

thaw cycles. This preparation contains no preservatives, thus it should be handled

under aseptic conditions.

Shipping Ice bag

Background

CD18 is a 95 kD protein, also known as integrin β 2 subunit. It is expressed on all leukocytes. CD18, in association with integrin α chain CD11a, CD11b, and CD11c forms LFA-1, Mac-1, and α X β 2, respectively, and plays an important role in leukocytes adhesion. The CD18 integrin complexes bind ICAM-1 (CD54), ICAM-2 (CD102), ICAM-3 (CD50), iC3b, and fibrinogen. The M18/2 antibody is able to block tumor cell metastasis and enhance cell adhesion.

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