

Purified Anti-Mouse CD18 Antibody[M18/2]

Catalog Number: GF1113A

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

Description

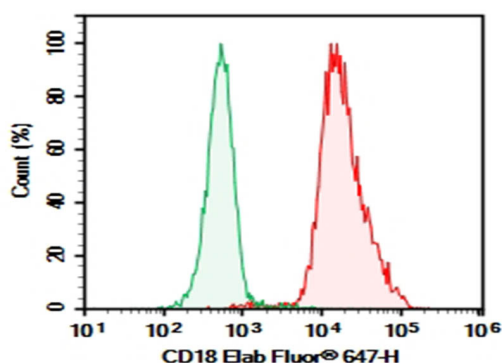
| | |
|---------------------|------------------------------------------|
| Reactivity | Mouse |
| Immunogen | Recombinant Mouse CD18 protein |
| Host | Rat |
| Isotype | Rat IgG2a, κ |
| Clone | M18/2 |
| Purification | >98%, Protein A/G purified |
| Conjugation | Unconjugated |
| Buffer | PBS, pH 7.2. Contains 0.05% proclin 300. |

Applications

Recommended Dilution

| | |
|------------|--------------------------------------------------------|
| FCM | 2 µg/mL (0.5×10 ⁶ -1×10 ⁶ cells) |
|------------|--------------------------------------------------------|

Data



C57/BL6 Mouse splenocytes were stained with 0.2 µg 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. |
| Shipping | Ice bag |

Background

CD18 is a 95 kD protein, also known as integrin β2 subunit. It is expressed on all leukocytes. CD18, in association with integrin α chain CD11a, CD11b, and CD11c forms LFA-1, Mac-1, and αXβ2, 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.