

PE Rabbit anti-Mouse CD18 mAb

Catalog NO.: A28461

Basic Information

Observed MW

Calculated MW

85 kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Mouse

Conjugation

PE. Ex:565nm. Em:574nm.

Clone number

ARC79072

Background

CD18, also known as the integrin beta 2 subunit. It is expressed on all leukocytes. CD18 associates with integrin alpha chains CD11a, CD11b, and CD11c to form LFA-1 (CD11a/CD18), Mac-1 (CD11b/CD18), and αXβ2 (CD11c/CD18), respectively, playing a critical role in leukocyte adhesion. The CD18 integrin complexes bind to ligands such as ICAM-1 (CD54), ICAM-2 (CD102), ICAM-3 (CD50), iC3b, and fibrinogen. The M18/2 antibody is capable of blocking tumor cell metastasis and enhancing cell adhesion.

Recommended Dilutions

FC ≤0.25 µg per million cells in 100 µl volume

Immunogen Information

Gene ID

16414

Swiss Prot

P11835

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

2E6; LAD; Cd18; Lfa1; MF17; LCAMB

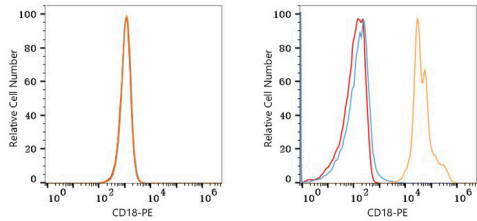
Contact

Product Information

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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.		

Validation Data



Flow cytometry: 1X10⁶ Neuro-2a cells (low expression,left) and C57BL/6 mouse splenocytes (right) were surface-stained with PE Rabbit anti-Mouse CD18 mAb (A28461,0.25 µg,orange line) or PE Rabbit IgG isotype control (A24172,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

