

Purified Anti-Human CD18 Antibody[TS1/18.1.2.11]

catalog number: E-AB-F1057A

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

Description

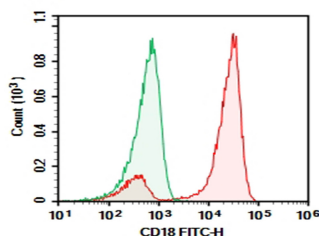
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	TS1/18.1.2.11
Conjugation	Unconjugated
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM	2 $\mu\text{g/mL}$ (1×10^5 - 5×10^5 cells)
------------	---

Data



Human peripheral blood lymphocytes were stained with 0.2 μg Purified Anti-Human CD18 Antibody[TS1/18.1.2.11] (Right) and 0.2 μg Mouse IgG1, κ Isotype Control (Left), followed by FITC-conjugated Goat Anti-Mouse 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 90-95 kD type I transmembrane protein also known as integrin $\beta 2$ subunit, LFA-1 β subunit, and $\beta 2$ integrin. CD18 non-covalently associates with CD11a, CD11b or CD11c. CD18 is expressed on all leukocytes. CD18 and associated α chains function in adhesion and signaling in hematopoietic cells.