

Purified Anti-Human CD18 Antibody[TS1/18.1.2.11], Functional Grade

catalog number: E-AB-F10570

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

Description

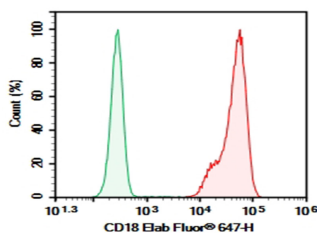
Reactivity	Human
Immunogen	Recombinant Human CD18 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	TS1/18.1.2.11
Purification	>98%, Protein A/G purified
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

Applications

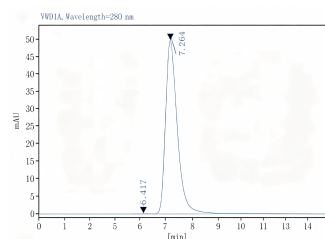
Recommended Dilution

FCM	2 μ g/mL (0.5 \times 10 ⁶ -1 \times 10 ⁶ cells)
Block	Reported in the literature

Data



Human peripheral blood lymphocytes were stained with 0.2 μ g Purified Anti-Human CD18 Antibody[TS1/18.1.2.11], Functional Grade (Right) and 0.2 μ g Mouse IgG1, κ Isotype Control (Left), followed by FITC-conjugated Goat Anti-Mouse IgG Secondary Antibody.



Monomer purity \geq 95% as determined by analytical size-exclusion chromatography (SEC)

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 90-95 kD type I transmembrane protein also known as integrin β 2 subunit, LFA-1 β subunit, and β 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.

None (Azide-Free, Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or exogenous endotoxin may signal or activate cells.

Application References

Weulersse M, et al. Immunity. 2020 Oct;53(4):824-839.

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