

## AF/LE Purified Anti-Human CD18 Antibody[TS1/18.1.2.11]

**Catalog Number:** GF10570

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

### Description

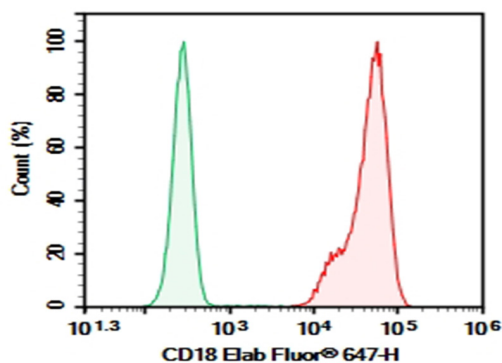
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human CD18 protein
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, κ
<b>Clone</b>	TS1/18.1.2.11
<b>Purification</b>	>98%, Protein A/G purified
<b>Conjugation</b>	None (AF/LE)
<b>Buffer</b>	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

### Applications

### Recommended Dilution

<b>FCM</b>	2 µg/mL (0.5×10 <sup>6</sup> -1×10 <sup>6</sup> cells)
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### Data



Human peripheral blood lymphocytes were stained with 0.2 µg AF/LE 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

<b>Storage</b>	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.
<b>Shipping</b>	Ice bag

### Background

CD18 is a 90-95 kD type I transmembrane protein also known as integrin β2 subunit, LFA-1 β subunit, and β2 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.