

## Purified Anti-Human CD18 Antibody[60.3]

**Catalog Number:** GF14120P

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

### Description

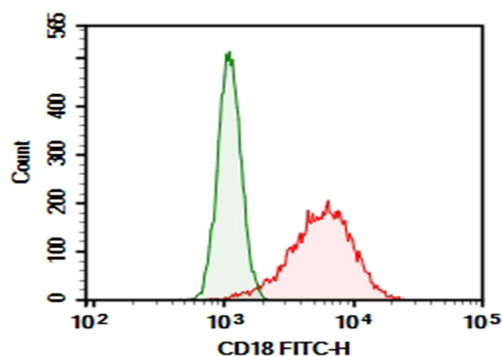
|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human   |
| <b>Immunogen</b>    | Recombinant Human CD18 protein  |
| <b>Host</b>         | Mouse   |
| <b>Isotype</b>      | Mouse IgG2a, κ  |
| <b>Clone</b>        | 60.3  |
| <b>Purification</b> | >98%, Protein A/G purified  |
| <b>Conjugation</b>  | Unconjugated  |
| <b>Buffer</b>       | Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.<br>Dialyze to completely remove the stabilizer prior to labeling. |

### Applications

### Recommended Dilution

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

### Data



Jurkat were stained with 0.2 µg Purified Anti-Human CD18 Antibody[60.3] (Right) and 0.2 µg Mouse IgG2a, 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. |
| <b>Shipping</b> | Ice bag  |

### Background

This gene encodes an integrin beta chain, which combines with multiple different alpha chains to form different integrin heterodimers. Integrins are integral cell-surface proteins that participate in cell adhesion as well as cell-surface mediated signalling. The encoded protein plays an important role in immune response and defects in this gene cause leukocyte adhesion deficiency. Alternative splicing results in multiple transcript variants.