

## Anti-Human CD4 Antibody (9X602)

### Product Details

|               |                           |
|---------------|---------------------------|
| Ig Type:      | IgG1κ                     |
| Reactivity:   | Human                     |
| Conjugation:  | Unconjugated              |
| Clone:        | 9X602                     |
| Purification: | Protein A affinity column |

### Applications

|              |  |
|--------------|--|
| Application: | FCM  |
| Recommended  | FCM: ≤ 0.5 µg per million cells in 100 µl volume. It is strongly recommended that the reagent should be titrated for optimal performance for each application. |

### Properties

|                      |  |
|----------------------|--|
| Stability & Storage: | Store at 2°C-8°C for 12 months, do not freeze. |
| Shipping:            | Shipping with blue ice.                        |

### Antigen Details

|            |                                     |
|------------|-------------------------------------|
| Immunogen: | Recombinant human CD4               |
| Synonyms:  | CD4;T-cell surface glycoprotein CD4 |

### Research Background

CD4 (cluster of differentiation 4) is a single glycoprotein with a molecular weight of 59 kDa. CD4 antigen is expressed on the surface of T helper cells, monocytes and macrophages. CD4 recognizes antigens associated with MHC class II molecules, and participates in cell-cell interactions, thymic differentiation, and signal transduction. CD4 acts as a primary receptor for HIV, binding to HIV gp120. CD4+ T helper cells bind and activate B cells to create immunoglobulins.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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