

# CD4 Monoclonal Antibody



MAC00293

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## Product Information

**Size:**

100ul

**Reactivity:**

Human

**Source:**

Mouse

**Isotype:**

IgG2b

**Applications:**

ELISA, IF, FC

**Recommended dilutions:**

IF:1:100-1:200

**Protein Background:**

CD4, also known as T4, is a 55 kD single chain transmembrane glycoprotein and belongs to immunoglobulin superfamily. CD4 is found on most thymocytes, a subset of T cells and at low level on monocytes/macrophages. CD4 is a co-receptor involved in immune response (co-receptor activity in binding to MHC class II molecules) and HIV infection (CD4 is primary receptor for HIV-1 surface glycoprotein gp120). CD4 regulates T-cell activation, T/B-cell adhesion, T-cell differentiation, T-cell selection and signal transduction.

**Gene ID:**

CD4

**Uniprot**

P01730

**Synonyms:****Immunogen:**

Recombinant Protein

**Storage:**

Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA

## Product Images

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N/A

N/A