

## Recombinant CD4 Monoclonal Antibody

catalog number: AN300001P

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

### Description

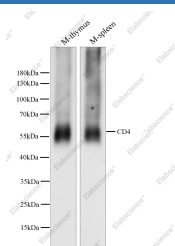
|                     |                                 |
|---------------------|---------------------------------|
| <b>Reactivity</b>   | Human;Mouse                     |
| <b>Immunogen</b>    | Recombinant Human CD4 protein   |
| <b>Host</b>         | Rabbit                          |
| <b>Isotype</b>      | Rabbit IgG                      |
| <b>Clone</b>        | C210003                         |
| <b>Purification</b> | Protein A                       |
| <b>Buffer</b>       | 0.2 µm filtered solution in PBS |

### Applications

### Recommended Dilution

|              |                |
|--------------|----------------|
| <b>IHC</b>   | 1:200-1:1000   |
| <b>WB</b>    | 1:2000-1:10000 |
| <b>IF</b>    | 1:200-1:1000   |
| <b>ELISA</b> | 1:5000-1:20000 |
| <b>IP</b>    | 1:50-1:200     |

### Data



Western blot analysis of Mouse thymus and Mouse spleen cell lysates using CD4 Antibody (AN300001P) at a dilution of 1:3000.

**Observed-MW:60kD**

**Calculated-MW:51kD**

### Preparation & Storage

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag                                                         |

### Background

CD4 molecule(CD4) Homo sapiens This gene encodes a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II antigens and is also a receptor for the human immunodeficiency virus. This gene is expressed not only in T lymphocytes, but also in B cells, macrophages, and granulocytes. It is also expressed in specific regions of the brain. The protein functions to initiate or augment the early phase of T-cell activation, and may function as an important mediator of indirect neuronal damage in infectious and immune-mediated diseases of the central nervous system. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in this gene. [provided by RefSeq, Aug 2010]

### For Research Use Only

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