

## CD4 Rabbit monoclonal antibody

Catalog: BS40128

Host: Rabbit

Reactivity: Human

### BackGround:

Cluster of Differentiation 4 (CD4) is a glycoprotein composed of an amino-terminal extracellular domain (four domains: D1-D4 with Ig-like structures), a trans-membrane part and a short cytoplasmic tail. CD4 is expressed on the surface of T helper cells, regulatory T cells, monocytes, macrophages and dendritic cells, and plays an important role in the development and activation of T cells. On T cells, CD4 is the co-receptor for the T cell receptor (TCR), and these two distinct structures recognize the Antigen-Major Histocompatibility Complex (MHC).

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

### Molecular Weight:

55kDa

### Swiss-Prot:

P01730

### Purification&Purity:

Affinity-chromatography

### Applications:

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200  
FC 1:50

### Storage&Stability:

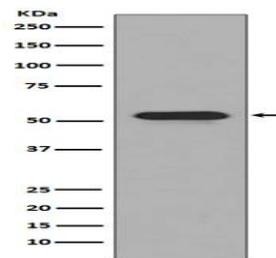
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

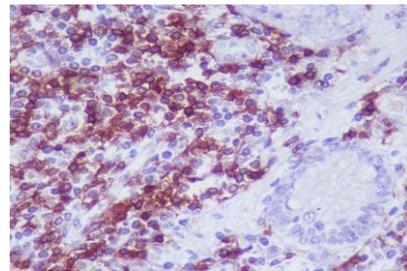
### Specificity:

CD4 Antibody detects endogenous levels of total CD4

### DATA:



Western blot analysis of CD4 expression in THP-1 cell lysate.



Immunohistochemical analysis of paraffin-embedded human colon, using CD4 Antibody.

### Note:

For research use only, not for use in diagnostic procedure.

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