

CD4 (7H9) monoclonal antibody

Catalog: MB3247

Host: Mouse

Reactivity: Human,Rat,Mouse

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:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

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Swiss-Prot:

P01730

Purification&Purity:

Affinity Purified

Applications:

IHC: 1/50-1/100

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

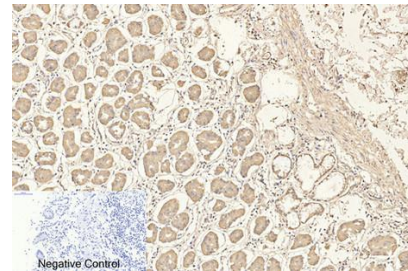
Isotype:

IgG1

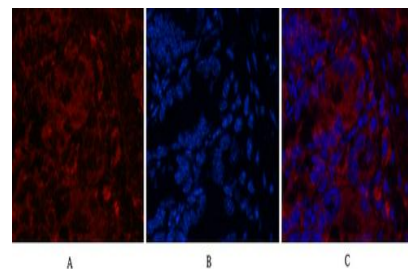
DATA:

Immunohistochemistry analysis of paraffin-embedded Human stomach tissue using CD4 antibody. High-pressure and temperature Sodium

Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Human tonsils using CD4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded mouse brain tissue using CD4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.

Immunofluorescence analysis of CD4 in mouse colon tissue using CD4 antibody, and DAPI.

Note:

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

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