

CD4 Recombinant Rabbit mAb

Catalog: BS49754

Host: Rabbit

Reactivity: Mouse, Rat

BackGround:

Predicted to enable several functions, including interleukin-16 binding activity; interleukin-16 receptor activity; and protein homodimerization activity. Involved in helper T cell enhancement of adaptive immune response. Acts upstream of or within several processes, including defense response to Gram-negative bacterium; positive regulation of calcium-mediated signaling; and positive regulation of peptidyl-tyrosine phosphorylation. Located in endoplasmic reticulum; external side of plasma membrane; and membrane raft. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system; and liver and biliary system. Used to study type 1 diabetes mellitus. Human ortholog(s) of this gene implicated in immunodeficiency 79. Orthologous to human CD4 (CD4 molecule). [provided by Alliance of Genome Resources, Apr 2022]

Product:

1mg/ml in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA.

Molecular Weight:

51 kDa

Swiss-Prot:

P06332, P05540

Purification&Purity:

Affinity Purification

Applications:

WB: 1:1000 ; IHC-P: 1:500-1:2000 ; FC: 1:20-1:50 ; IP: 1:20-1:50

Storage&Stability:

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

Specificity:

The antibody detects endogenous levels of it.

DATA:



Western blot analysis of extracts from Mouse thymus tissue using it at 1:1000.

Note:

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

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