

CD 4

Cat.No. HS-360 004; Polyclonal Guinea pig antibody, 100 µl antiserum (lyophilized)

Data Sheet

Reconstitution/ Storage	100 µl antiserum, lyophilized. For reconstitution add 100 µl H ₂ O, then aliquot and store at -20°C until use.
Applications	IHC-P/FFPE: 1 : 500
Immunogen	Recombinant protein corresponding to AA 27 to 394 from mouse CD4 (UniProt Id: P06332)
Reactivity	Reacts with: mouse (P06332). No signal: human (P01730), rat (P05540). Other species not tested yet.
Specificity	Specific for CD 4

TO BE USED IN VITRO / FOR RESEARCH ONLY
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

CD 4 (cluster of differentiation **4**) is a glycoprotein found on the surface of immune cells such as T helper cells, monocytes, macrophages, and dendritic cells.
CD 4 is a co-receptor that assists the T cell receptor (TCR) in communicating with an antigen-presenting cell.

Selected General References

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Science (New York, N.Y.) (1993) 260(5110): 979-83.

CD4 and CD8 subsets defined by dual-color cytofluorometry which distinguish symptomatic from asymptomatic blood donors seropositive for human immunodeficiency virus.

Prince HE, Arens L, Kleinman SH
Diagnostic and clinical immunology (1987) 5(4): 188-93.

Function of the CD4 and CD8 molecules on human cytotoxic T lymphocytes: regulation of T cell triggering.

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