

Goat CD4 Polyclonal Antibody | anti-CD4 antibody

CD4 Polyclonal Antibody

CATALOG # AAA13858	HOST Goat	REACTIVITY Reacts against human, rat, mouse, canine and monkey proteins.	APPLICATIONS Western Blot
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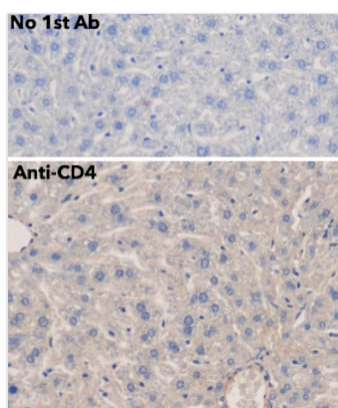
PRODUCT SYNONYMS

CD4; Polyclonal Antibody; CD4 Polyclonal Antibody; Anti-CD4; CD4mut; CD4 antigen (p55); CD4 Receptor; T-cell surface antigen T4/Leu-3 and T-cell surface glycoprotein CD4 antibody; anti-CD4 antibody

PRODUCT SPECIFICATIONS

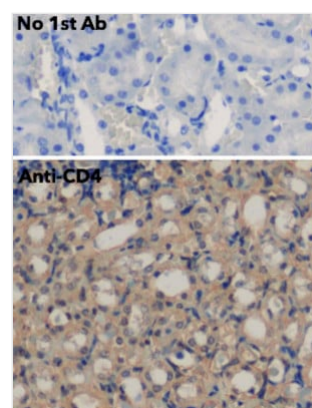
Host	Goat
Reactivity	Reacts against human, rat, mouse, canine and monkey proteins.
Clonality	Polyclonal
Isotype	IgG
Specificity	Using spleen lysate detects a 52 kDa band by Western blot.
Form/Format	Polyclonal antibody supplied as a 200 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Applicable Applications for anti-CD4 antibody	WB (Western Blot)
Application Notes	Western Blot: 1:500-1:2,000
Immunogen	Purified recombinant peptide derived from within 50 to 235 aa, corresponding to the external domain of human CD4 produced in E. coli.
Preparation and Storage	Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

IMAGES



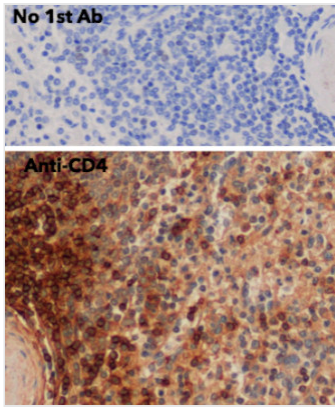
IHC (Immunohistochemistry)

IHC of mouse liver using anti-CD4 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CD4 Ab at 1:750/DAB detection.



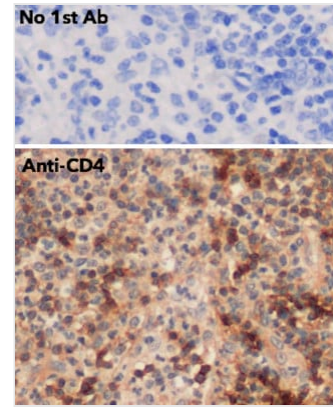
IHC (Immunohistochemistry)

IHC of mouse kidney carcinoma using anti-CD4 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CD4 Ab at 1:750/DAB detection.



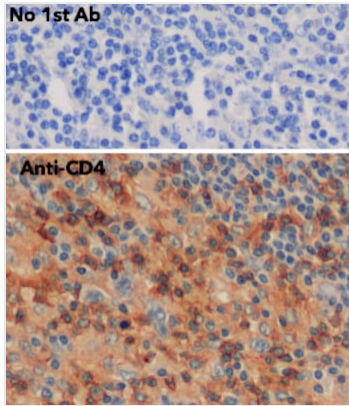
IHC (Immunohistochemistry)

IHC of mouse spleen using anti-CD4 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CD4 Ab at 1:750/DAB detection.



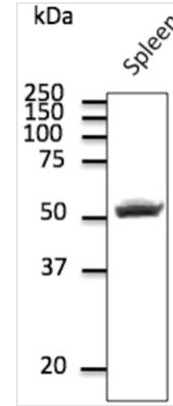
IHC (Immunohistochemistry)

IHC of human appendix using anti-CD4 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CD4 Ab at 1:750/DAB detection.



IHC (Immunohistochemistry)

IHC of human lymph node using anti-CD4 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CD4 Ab at 1:750/DAB detection.



WB (Western Blot)

Endogenous CD4 detected at 1/500 dilution; lysate at 100 ug per lane and rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CD4 antibody

Goat polyclonal antibody to CD4. CD4 is a member of the immunoglobulin superfamily, a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II antigens and a receptor for the human immunodeficiency virus. This protein is expressed not only on the surface of T helper cells and regulatory T cells but also on monocytes, macrophages and dendritic cells. It functions to initiate or amplify 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3947700
NCBI GeneID	920
UniProt Accession #	Q13969 ; P01730
NCBI Official Full Name	CD4
NCBI Official Synonym Full Names	CD4 molecule
NCBI Official Symbol	CD4
NCBI Official Synonym Symbols	CD4mut
NCBI Protein Information	T-cell surface glycoprotein CD4; CD4 receptor; CD4 antigen (p55); T-cell surface antigen T4/Leu-3
UniProt Protein Name	CD4 protein

UniProt Gene Name	CD4
UniProt Synonym Gene Names	CD4 receptor
UniProt Entry Name	Q13969_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd4-antibody-western-blot-elisa/13858>