

CD4 recombinant antibody

Anti-CD4 [YNB46.1.8 (Campath-9H)]

CATALOG #	REACTIVITY	APPLICATIONS
AAA71937	Human	Immunohistochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

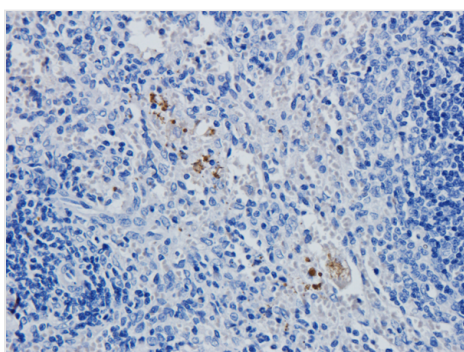
PRODUCT SYNONYMS

CD4; Anti-CD4 [YNB46.1.8 (Campath-9H)]; Cluster of differentiation 4; T-cell surface glycoprotein CD4; T-cell surface antigen T4/Leu-3; CD4 recombinant antibody

PRODUCT SPECIFICATIONS

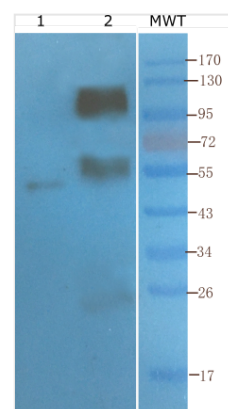
Reactivity	Human
Isotype	Rat IgG1, Kappa
Clone Number	YNB46.1.8 (Campath-9H)
Specificity	Recognizes the 55kDa human CD4 cell surface antigen, expressed by helper T lymphocytes and by monocytes.
Purity/Purification	Protein A Affinity Purified
Concentration	1 mg/ml (varies by lot)
Sequence Length	71
Applicable Applications for CD4 recombinant antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Rat T-cell line (NB2) transfected with the human CD4.
Buffer Composition	PBS only with 0.02% Proclin 300.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical staining of rabbit spleen using anti-CD4 antibody (Ab00167) YNB46.1.8 (Campath-9H) Anti-CD4 staining of formaldehyde fixed paraffin embedded rabbit spleen tissue, at 40x magnification. The rat IgG1-chimeric version of YNB46.1.8 (Ab00167-6.1) was used to stain samples at a concentration of 5 ug/ml.



WB (Western Blot)

Western Blot using anti-CD4 antibody Ab00167 Mouse thymus (lane 1) and mouse spleen (lane 2) were resolved on a 10% SDS PAGE gel and blots probed with Ab00167-10.0 at 1.5 ug/ml before being detected by a secondary antibody. The expected band size (51 kDa) is seen along with bands corresponding to dimers.

ADDITIONAL INFORMATION

Product Categories/Family for CD4 recombinant antibody	Cytokine; Infectious diseases; Biotherapeutics; Biosimilar
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3947700
NCBI GeneID	920
UniProt Accession #	P01730
NCBI Official Full Name	CD4, partial
NCBI Official Synonym Full Names	CD4 molecule
NCBI Official Symbol	CD4
NCBI Official Synonym Symbols	CD4mut
NCBI Protein Information	T-cell surface glycoprotein CD4
UniProt Protein Name	CD4 protein
UniProt Gene Name	CD4
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/human-recombinant-antibody/cd4/71937>