

Rabbit anti-Human, Mouse CD4 Polyclonal Antibody | anti-CD4 antibody

CD4 (Phospho-Ser433) Antibody

CATALOG # AAA316328	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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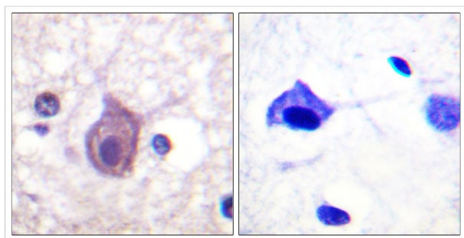
PRODUCT SYNONYMS

CD4; Polyclonal Antibody; CD4 (Phospho-Ser433) Antibody; T-cell surface antigen T4/Leu-3; T-cell surface glycoprotein CD4 precursor; anti-CD4 antibody

PRODUCT SPECIFICATIONS

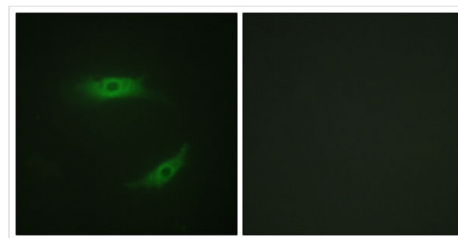
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	CD4 (Phospho-Ser433) Antibody detects endogenous levels of CD4 only when phosphorylated at Ser433.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	458
Applicable Applications for anti-CD4 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Modification	Phospho
Modification Sites	H:S433; M:S432
Immunogen	The antiserum was produced against synthesized peptide derived from human CD4 around the phosphorylation site of Ser433.
Immunogen Range	401-450
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain, using CD4 (Phospho-Ser433) Antibody. The picture on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using CD4 (Phospho-Ser433) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835167
NCBI GeneID	920
NCBI Accession #	NP_000607.1
NCBI GenBank Nucleotide #	NM_000616.4
UniProt Accession #	P01730; Q4ZGK2; Q5U066; Q9UDE5; B2R737; D3DUS5
Molecular Weight	51 kDa
NCBI Official Full Name	T-cell surface glycoprotein CD4 isoform 1
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	T-cell surface glycoprotein CD4
UniProt Gene Name	CD4

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-immunofluorescence-immunohistochemistry-elisa/316328>