

Rat CD4 Monoclonal Antibody | anti-CD4 antibody

Rat Anti Mouse CD4

CATALOG #
AAA37914

HOST
Rat

PRODUCT SYNONYMS

CD4; Monoclonal Antibody; Rat Anti Mouse CD4; CD4 Antibody; Rat Anti-Mouse CD4; gp55; HLA-2; L3 / T4; Ly-4; T cell antigen T4/LEU3; T4; sCD4; CD4mut; anti-CD4 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	mCD4
Purity/Purification	Ion exchange column.
Concentration	1mg/ml in PBS (after reconstitution). (varies by lot)
Sequence Length	71
Reconstitution	Reconstitute with of H2O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.
Immunogen	Purified mouse LN CD4+ T cells.
Antibody Properties	Cytotoxic and staining antibody. For staining, use 10 ul/1,000,000 cells. Titer for cytotoxicity should be determined by the investigator Available ConjugatesThis antibody is also available conjugated to biotin and FITC.
Preparation and Storage	Lyophilized: store at 4 degree C. After reconstitution, if not intended for use within a month, aliquot and store at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CD4 antibody	Introduction: CD4 is a cell-surface glycoprotein found on the mature helper T cells and immature thymocytes, as well as on monocytes and macrophages. (Some cytotoxic T cells have CD4 protein as well.) Normally, about 65% of T cells in the blood are CD4+ (have CD4 protein protruding from their membrane). A mature T cell with either have CD4 or CD8, but not both. During one stage of development T cells develop CD4 and CD8 receptors, but they eventually are differentiated in the thymus and become more specialized.
Product Categories/Family for anti-CD4 antibody	Monoclonal Antibodies ; Anti-Mouse Lymphocytes ; Monoclonal Antibodies ; Anti Mouse Lymphocyte

NCBI AND UNIPROT INFORMATION

NCBI GI #	74706367
Molecular Weight	7,844 Da
NCBI Official Full Name	CD4 protein (CD4 receptor)
UniProt Protein Name	CD4 protein
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://www.aaabiotech.com/monoclonal/cd4-antibody-clone-mcd4-elisa/37914>