

CD2 recombinant antibody

Anti-CD2 [VIP VIIIIC8], Mouse IgG2a, kappa

CATALOG # AAA72508	HOST Mouse	REACTIVITY Human
------------------------------	----------------------	----------------------------

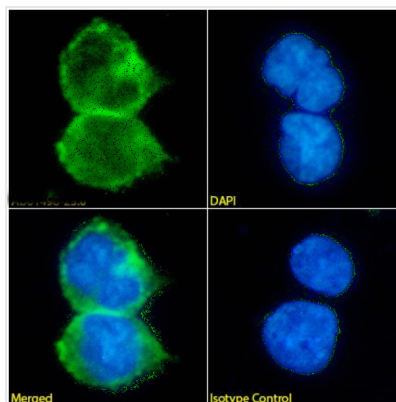
PRODUCT SYNONYMS

CD2; Monoclonal Recombinant Antibody; Anti-CD2 [VIP VIIIIC8]; Mouse IgG2a; kappa; LFA-2; T-cell surface antigen CD2; Erythrocyte receptor; LFA-3 receptor; Rosette receptor; T-cell surface antigen T11/Leu-5; CD2 recombinant antibody

PRODUCT SPECIFICATIONS

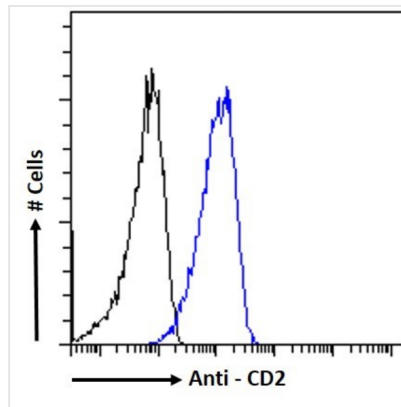
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a kappa
Clone Number	VIP VIIIIC8
Specificity	The antibody VIP VIIIIC8 recognizes and is directed against CD2.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of Jurkat cells with anti-CD2 antibody VIP VIIIIC8 (AAA72508). Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells on Shi-fix coverslips stained with the chimeric rabbit IgG version of VIP VIIIIC8 (AAA72508) (1:100 dilution) for 1h followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing membrane staining. Then the nuclear stain is DAPI. The images are arranged as follows: top-left, AAA72508; top-right, DAPI; bottom-left, merged channels; bottom-right, isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.



FCM/FACS (Flow Cytometry)

Flow cytometry using the anti-CD2 antibody VIPV8C8 (AAA72508). Jurkat cells were stained with the anti-unknown specificity antibody or the rabbit IgG version of VIPV8C8 (AAA72508, blue line) at a dilution of 1:100 for 1 hour at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG Alexa Fluor 488 antibody at a dilution of 1:1000 and the cells were analyzed using a FACSCanto flow-cytometer.

ADDITIONAL INFORMATION

Related Product Information for CD2 recombinant antibody

This antibody was raised by immunizing mice against CD2.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156071472
NCBI GeneID	914
NCBI Accession #	NP_001758.2
NCBI GenBank Nucleotide #	NM_001767.3
UniProt Accession #	P06729; Q96TE5
Molecular Weight	39,448 Da
NCBI Official Full Name	T-cell surface antigen CD2
NCBI Official Synonym Full Names	CD2 molecule
NCBI Official Symbol	CD2
NCBI Official Synonym Symbols	T11; SRBC; LFA-2
NCBI Protein Information	T-cell surface antigen CD2; CD2 antigen (p50), sheep red blood cell receptor; LFA-3 receptor; T-cell surface antigen T11/Leu-5; erythrocyte receptor; lymphocyte-function antigen-2; rosette receptor
UniProt Protein Name	T-cell surface antigen CD2
UniProt Gene Name	CD2
UniProt Synonym Gene Names	SRBC
UniProt Entry Name	CD2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd2-recombinant-antibody-clone-vip-viiiic8-elisa/72508>