

Rabbit anti-Human CD58 Polyclonal Antibody | anti-CD58 antibody

Anti-CD58 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255571	Rabbit	Human	Immunofluorescence, Immunocytochemistry, ELISA, Western Blot

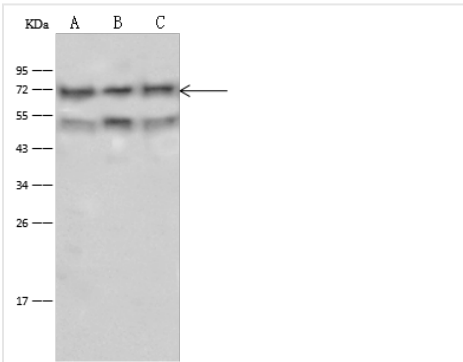
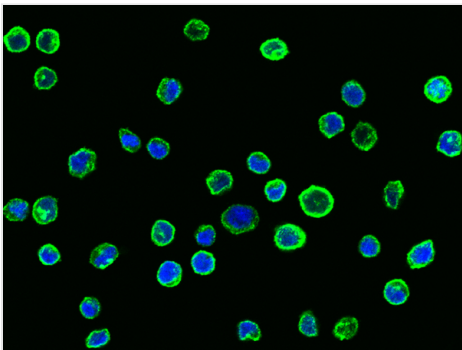
PRODUCT SYNONYMS

CD58; Polyclonal Antibody; Anti-CD58 Antibody; Rabbit Polyclonal; LFA-3/CD58 Antibody; Rabbit PAb; Antigen Affinity Purified; CD58 molecule; Anti-ag3 Antibody; Anti-LFA-3 Antibody; Anti-LFA3 Antibody; anti-CD58 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human LFA-3/CD58
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CD58 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human LFA-3/CD58 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human LFA-3/CD58 (rh LFA-3/CD58). LFA-3/CD58 specific IgG was purified by Human LFA-3/CD58 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of CD58 in Raji cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-Human CD58 polyclonal antibody (dilution ratio 1:5000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cell membrane.

WB (Western Blot)
Anti-CD58 rabbit polyclonal antibody at 1:500 dilution
Lane A: Raji Whole Cell Lysate
Lane B: Jurkat Whole Cell Lysate
Lane C: K562 Whole Cell Lysate
Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 28 kDa
Observed band size: 72 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CD58 antibody	CD53 is a member of the transmembrane 4 superfamily, also called the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. These proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. CD53 is a cell surface glycoprotein that is known to complex with integrins. Familial deficiency of CD53 gene has been linked to an immunodeficiency associated with recurrent infectious diseases caused by bacteria, fungi and viruses. CD53 contributes to the transduction of CD2-generated signals in T cells and natural killer cells and has been suggested to play a role in growth regulation.
References	Rochelle JM. et al., 1993, Int Immunol. 5 (2): 209-16. Virtaneva KI. et al., 1993, Immunogenetics. 37 (6): 461-5. Horejsi V. et al., 1991, FEBS Lett. 288 (1-2): 1-4.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13543545
NCBI GeneID	965
Molecular Weight	27,960 Da
NCBI Official Full Name	CD58 protein
NCBI Official Synonym Full Names	CD58 molecule
NCBI Official Symbol	CD58
NCBI Official Synonym Symbols	ag3; LFA3; LFA-3
NCBI Protein Information	lymphocyte function-associated antigen 3

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/cd58-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/255571>