

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

Recombinant Anti-CD58 Antibody, Rabbit Monoclonal

CATALOG # AAA255569	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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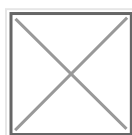
PRODUCT SYNONYMS

CD58; Monoclonal Antibody; Recombinant Anti-CD58 Antibody; Rabbit Monoclonal; LFA-3/CD58 Antibody; Rabbit MAb; CD58 molecule; Anti-ag3 Antibody; Anti-CD58 Antibody; Anti-LFA-3 Antibody; Anti-LFA3 Antibody; anti-CD58 antibody

PRODUCT SPECIFICATIONS

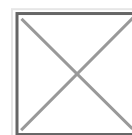
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	085
Specificity	Human LFA-3/CD58
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CD58 antibody	IP (Immunoprecipitation), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Human LFA-3/CD58 Protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human LFA-3/CD58 (rh LFA-3/CD58).
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



IP (Immunoprecipitation)

CD58 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate, 0.5 uL anti-CD58 rabbit monoclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-CD58 rabbit monoclonal antibody, at 1:500 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 28 kDa. Observed band size: 61 kDa.



WB (Western Blot)

Anti-CD58 rabbit monoclonal antibody at 1:500 dilution. Lane A: Jurkat Whole Cell Lysate. Lane B: K562 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG H&L (DyLight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 28 kDa. Observed band size: 61 kDa. (We are unsure as to the identity of these extra bands.)

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. HorejsiV. 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/monoclonal/cd58-antibody-clone-085-immunoprecipitation-western-blot-elisa/255569>