

CD47 recombinant antibody

CD47 Recombinant Monoclonal Antibody

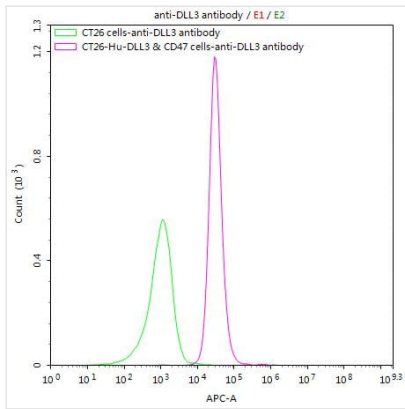
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279338	HEK293F Cell	Human	Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

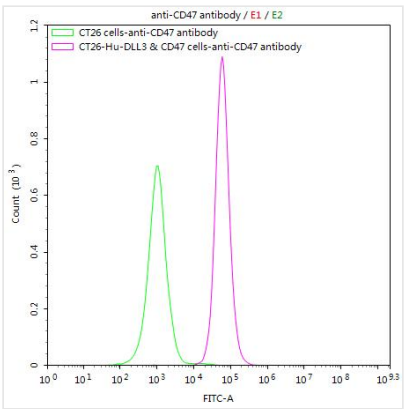
CD47; Monoclonal Recombinant Antibody; CD47 Recombinant Monoclonal Antibody; Antigen identified by monoclonal antibody 1D8 antibody; Antigenic surface determinant protein OA3 antibody; CD 47 antibody; CD47 antibody; CD47 antigen (Rh-related antigen; integrin-associated signal transducer) antibody; CD47 antigen antibody; CD47 glycoprotein antibody; CD47 molecule antibody; CD47_HUMAN antibody; IAP antibody; Integrin Associated Protein antibody; Integrin associated signal transducer antibody; Integrin-associated protein antibody; Leukocyte surface antigen CD47 antibody; MER 6 antibody; MER6 antibody; OA 3 antibody; OA3 antibody; OTTHUMP00000041152 antibody; OTTHUMP00000041153 antibody; Protein MER6 antibody; Rh related antigen antibody; Surface antigen identified by monoclonal antibody 1D8 antibody; CD47 recombinant antibody

PRODUCT SPECIFICATIONS

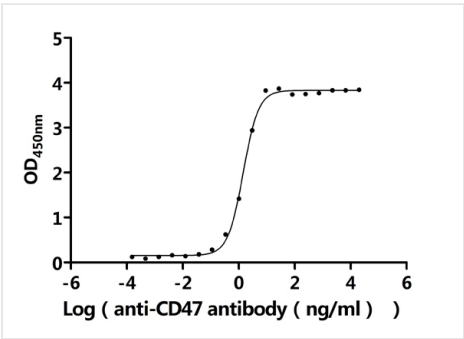
Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	hIgG1
Clone Number	4E5
Purity/Purification	Affinity chromatography
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for CD47 recombinant antibody	FCM/FACS (Flow Cytometry), ELISA
Antigen Species	Human
Immunogen	Recombinant Human CD47 protein
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



FCM/FACS (Flow Cytometry)
Untransfected CT26 cells (green line) and transfected Human DLL3 & CD47 CT26 stable cells (red line) were stained with anti-DLL3 antibody (2ug/1*10⁶cells), washed and then followed by APC-conjugated anti-Human IgG FC/FACS antibody and analyzed with flow cytometry.



FCM/FACS (Flow Cytometry)
Untransfected CT26 cells (green line) and transfected Human DLL3 & CD47 CT26 stable cells (red line) were stained with anti-CD47 antibody (AAA279338) (2ug/1*10⁶cells), washed and then followed by FITC-conjugated anti-Human IgG FC/FACS antibody and analyzed with flow cytometry.



Activity
The Binding Activity of Human CD47 with Anti-CD47 recombinant antibodyActivity:
Measured by its binding ability in a functional ELISA. Immobilized Human CD47 at 2ug/mL can bind Anti-CD47 recombinant antibody. The EC₅₀ is 1.343-1.561ng/mL.

ADDITIONAL INFORMATION

Product Categories/Family for CD47 recombinant antibody	Cancer, Immunology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1171879
NCBI GeneID	961
UniProt Accession #	Q08722; Q53Y71; Q96A60; A8K198; D3DN59
Molecular Weight	323
NCBI Official Full Name	Leukocyte surface antigen CD47
NCBI Official Synonym Full Names	CD47 molecule
NCBI Official Symbol	CD47
NCBI Official Synonym Symbols	IAP; OA3; MER6
NCBI Protein Information	leukocyte surface antigen CD47; CD47 glycoprotein; Rh-related antigen; integrin associated protein; integrin-associated protein; integrin-associated signal transducer; antigenic surface determinant protein OA3; antigen identified by monoclonal antibody 1D

UniProt Protein Name	Leukocyte surface antigen CD47
UniProt Gene Name	CD47
UniProt Synonym Gene Names	MER6; IAP
UniProt Entry Name	CD47_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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd47-recombinant-antibody-clone-4e5-flow-cytometry-elisa/279338>