

Rabbit anti-Cynomolgus CD47 Polyclonal Antibody | anti-CD47 antibody

Anti-CD47 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255556	Rabbit	Cynomolgus	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, ELISA

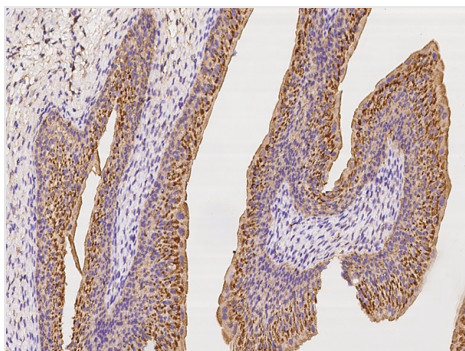
PRODUCT SYNONYMS

CD47; Polyclonal Antibody; Anti-CD47 Antibody; Rabbit Polyclonal; CD47 Antibody; Rabbit PAb; Antigen Affinity Purified; CD47 molecule; Anti-IAP Antibody; Anti-MER6 Antibody; Anti-OA3 Antibody; anti-CD47 antibody

PRODUCT SPECIFICATIONS

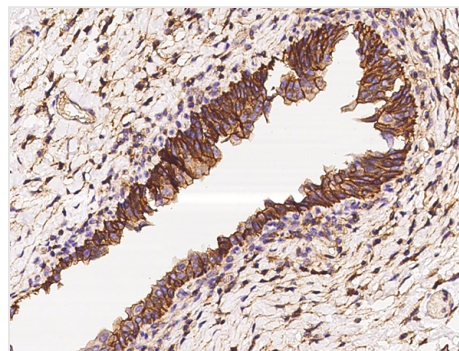
Host	Rabbit
Reactivity	Cynomolgus
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human, Cynomolgus
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CD47 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human CD47 Protein
Preparation	Produced in rabbits immunized with purified, recombinant Human CD47 (rh CD47). CD47 specific IgG was purified by Human CD47 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. Avoid repeated freeze-thaw cycles.

IMAGES



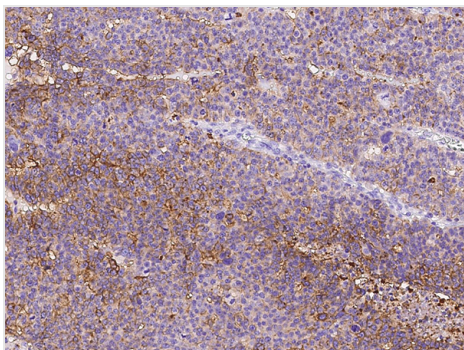
IHC (Immunohistochemistry)

Immunochemical staining CD47 in cynomolgus urinary bladder with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



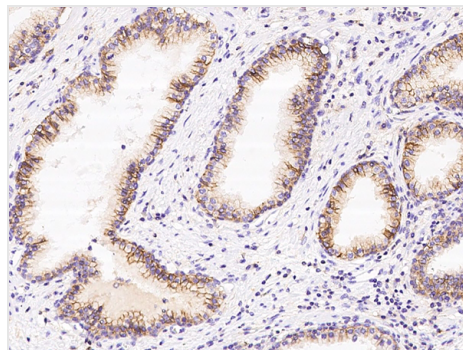
IHC (Immunohistochemistry)

Immunochemical staining CD47 in human urinary bladder with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



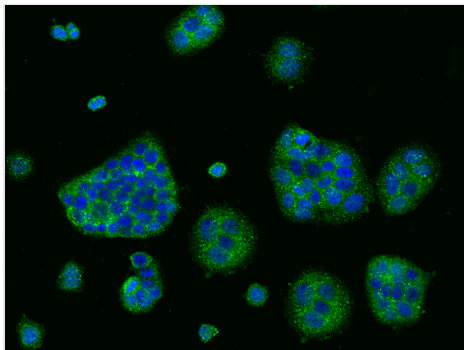
IHC (Immunohistochemistry)

Immunochemical staining CD47 in human ovarian cancer with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining CD47 in human prostate with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IF (Immunofluorescence)

Immunofluorescence staining of CD47 in MCF7 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human CD47 polyclonal antibody (dilution ratio 1:1000) 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 Cytoplasm.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD47 antibody	Cancer Drug Targets
References	Brown EJ, et al. (2001) Integrin-associated protein (CD47) and its ligands. Trends Cell Biol. 11(3): 130-5. Oldenborg PA. (2004) Role of CD47 in erythroid cells and in autoimmunity. Leuk Lymphoma. 45(7): 1319-27. Kaczorowski DJ, et al. (2007) Targeting CD47: NO limit on therapeutic potential. Circ Res. 100(5): 602-3.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38683836
NCBI GeneID	961
NCBI Accession #	NP_942088.1
NCBI GenBank Nucleotide #	NM_198793.2
NCBI Official Full Name	leukocyte surface antigen CD47 isoform 2
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

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/polyclonal/cd47-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/255556>