

Rabbit CD63 Polyclonal Antibody | anti-CD63 antibody

CD63 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA163117	HOST Rabbit	REACTIVITY Mouse, Rat, Human	APPLICATIONS Western Blot, Immunohistochemistry
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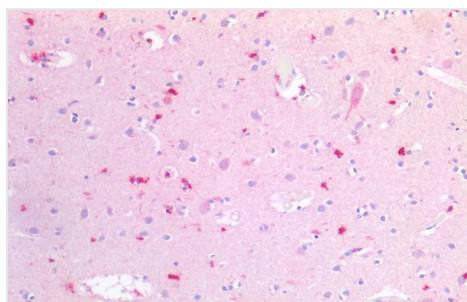
PRODUCT SYNONYMS

CD63; Polyclonal Antibody; CD63 Rabbit anti-Human Polyclonal Antibody; PathPlus CD63 Antibody; CD63 molecule; LAMP-3; ME491; Granulophysin; MLA1; Tetraspanin-30; Tspan-30; CD63 antigen; OMA81H; TSPAN30; anti-CD63 antibody

PRODUCT SPECIFICATIONS

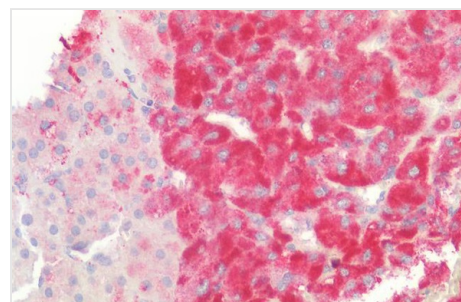
Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CD63 protein.
Purity/Purification	Immunoaffinity chromatography
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD63 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target	Human CD63
Immunogen	Recombinant full length protein of human CD63
Conjugation	Unconjugated
Family	Tetraspan
Preparation and Storage	Aliquot and store at -20 degree C for 1 year. Avoid freeze/thaw cycles.

IMAGES



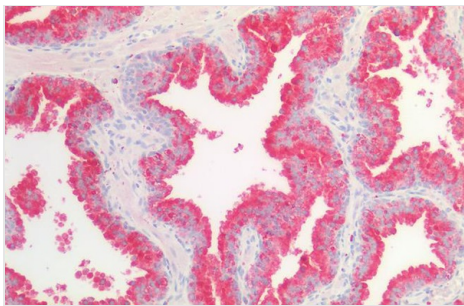
IHC (Immunohistochemistry)

CD63 Antibody-Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)

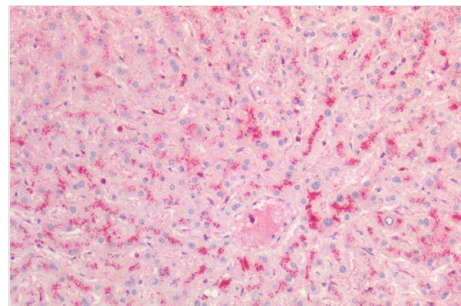


IHC (Immunohistochemistry)

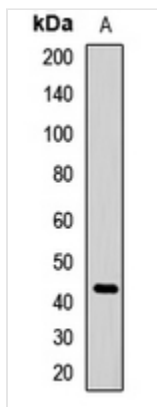
CD63 Antibody-Human Adrenal: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
CD63 Antibody-Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
CD63 Antibody-Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)
CD63 Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CD63 antibody

CD63 antibody is an unconjugated rabbit polyclonal antibody to CD63 from human. It is reactive with human, mouse and rat. Validated for IHC and WB.

CD63 (CD63 antigen, LAMP-3, NK1-C3, ME491, melanoma associated antigen CD63) is a member of the tetraspanin integral membrane glycoprotein family that plays a role in intracellular vesicular transport and is involved in cell morphology, motility, and proliferation. CD63 is mainly associated with intracellular vesicles (eg, lysosomes and endosomes) but can be expressed at the cell surface and secreted as exosomes through fusion of endosomes with the plasma membrane. It is broadly expressed in the body, including within gastric parietal cells, platelets, endothelial cells, fibroblasts, mast cells, brain white matter, renal tubules, macrophages, dendritic cells, T-lymphocytes, neutrophils, and many epithelial cells. CD63 is also associated with tumor progression, where the protein is overexpressed during the early stages and reduced as invasion and malignancy progresses (melanomas, ovarian cancers, lung, breast and colon carcinomas). Antibodies to CD63 can be used to identify melanoma and melanocytic tumors and other tumors.

References

Exp Cell Res 2009; 1484-1592; Thromb Res. 2010;125(2):152-158. doi: 10.1016/j.thromres.2009.07.005; Cytometry A. 2004;61(1):62-68. doi: 10.1002/cyto.a.20068; Dev Cell. 2011;21(4):708-721. doi: 10.1016/j.devcel.2011.08.019; Cancer Res. 1988;48(11):2955-2962. PMID: 3365686; Am J Pathol. 1998;153(3):973-983. PMID: 9736046; Arch Pathol Lab Med. 2001;125(6):751-758. doi: 10.1043/0003-9985(2001)125<0751:RA>2.0.CO;2.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502679
NCBI GeneID	967
NCBI Accession #	NP_001771.1
NCBI GenBank Nucleotide #	NM_001780
UniProt Accession #	P08962 ; Q5TZP3 ; Q8N6Z9 ; Q9UCG6 ; F8VZE2
Molecular Weight	17,271 Da

NCBI Official Full Name	CD63 antigen isoform A
NCBI Official Synonym Full Names	CD63 molecule
NCBI Official Symbol	CD63
NCBI Official Synonym Symbols	MLA1; ME491; LAMP-3; OMA81H; TSPAN30
NCBI Protein Information	CD63 antigen; tspan-30; granulophysin; tetraspanin-30; melanoma-associated antigen MLA1; CD63 antigen (melanoma 1 antigen); melanoma-associated antigen ME491; ocular melanoma-associated antigen; lysosomal-associated membrane protein 3; lysosome-associated
UniProt Protein Name	CD63 antigen
UniProt Gene Name	CD63
UniProt Synonym Gene Names	MLA1; TSPAN30; LAMP-3; Tspan-30

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/cd63-antibody-western-blot-immunohistochemistry-elisa/163117>