

CD63 recombinant antibody

CD63 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235529	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

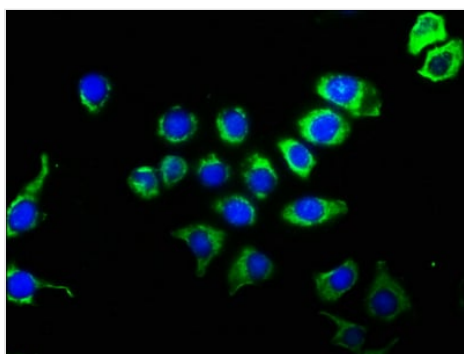
PRODUCT SYNONYMS

CD63; Monoclonal Recombinant Antibody; CD63 Antibody; CD63 antigen; Granulophysin; Lysosomal-associated membrane protein 3; LAMP-3; Melanoma-associated antigen ME491; OMA81H; Ocular melanoma-associated antigen; Tetraspanin-30; Tspan-30; MLA1; TSPAN30; CD63 recombinant antibody

PRODUCT SPECIFICATIONS

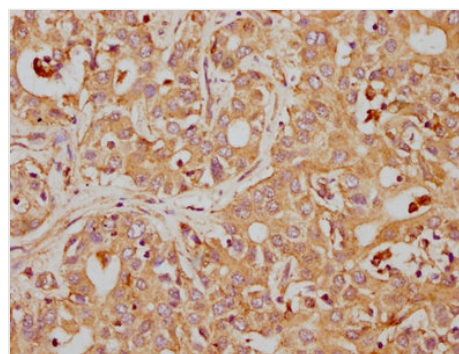
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity-Chromatography
Form/Format	Liquid; In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	238
Applicable Applications for CD63 recombinant antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from human CD63
Conjugate	Non-Conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



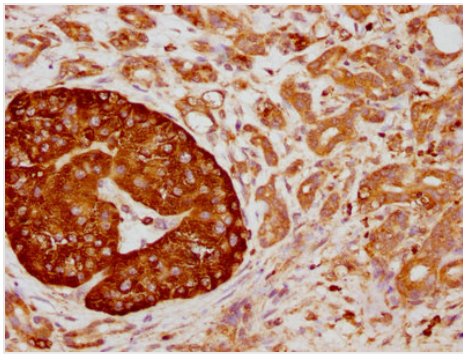
IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with CSB-RA004950A0HU at 1:51, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of CSB-RA004950A0HU diluted at 1:155 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)
 IHC image of CSB-RA004950A0HU diluted at 1:155 and staining in paraffin-embedded human pancreatic cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for CD63 recombinant antibody	Functions as cell surface receptor for TIMP1 and plays a role in the activation of cellular signaling cascades. Plays a role in the activation of ITGB1 and integrin signaling, leading to the activation of AKT, FAK/PTK2 and MAP kinases. Promotes cell survival, reorganization of the actin cytoskeleton, cell adhesion, spreading and migration, via its role in the activation of AKT and FAK/PTK2. Plays a role in VEGFA signaling via its role in regulating the internalization of KDR/VEGFR2. Plays a role in intracellular vesicular transport processes, and is required for normal trafficking of the PMEL luminal domain that is essential for the development and maturation of melanocytes. Plays a role in the adhesion of leukocytes onto endothelial cells via its role in the regulation of SELP trafficking. May play a role in mast cell degranulation in response to Ms4a2/FcεRI stimulation, but not in mast cell degranulation in response to other stimuli.
Product Categories/Family for CD63 recombinant antibody	Recombinant Antibody ; Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	383872447
NCBI GeneID	967
NCBI Accession #	NP_001244318.1
NCBI GenBank Nucleotide #	NM_001257389.1
UniProt Accession #	P08962 ; Q5TZP3 ; Q8N6Z9 ; Q9UCG6 ; F8VZE2
Molecular Weight	23,430 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
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://stage.aaabiotech.com/monoclonal/cd63-recombinant-antibody-immunofluorescence-immunohistochemistry-elisa/235529>