

Product Datasheet

CD63 Antibody (orb11597)

Catalog Number	orb11597
Category	Antibodies
Description	CD63 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of the 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. This protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker.
Target	Lysosome-associated membrane glycoprotein 3
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Canine, Human, Monkey, Mouse, Rat
Form/Appearance	Polyclonal antibody supplied as a 200 or 500 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Concentration	Please inquire
Purification	Epitope affinity purified
Immunogen	Antigen: Purified recombinant peptide derived from within residues 120 aa to 175 aa of human CD63 produced in E. coli. Antigen Sequence: MENYPKNNHTASILDRMQADFKCCGAANYTDWEKIPMSKNRVPDSCCI

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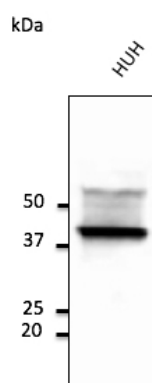
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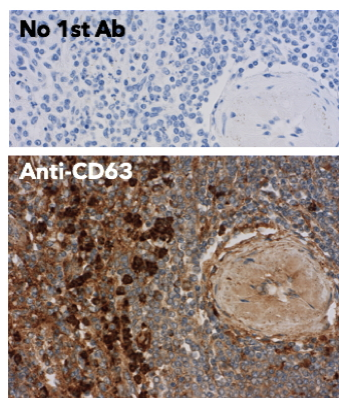
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Tested applications	IF, IHC-Fr, IHC-P, WB
Dilution range	WB:1:500-1:5,000, IF:1:25-1:250, IHC-P:1:250-1:1,000, IHC-F:1:250-1:1,000
Application notes	The antibody solution should be gently mixed before use.
Specificity	Reacts with CD63, a 40-60 kDa glycoprotein, detected by Western blot in the following human (HeLa, HUH, Jurkat), mouse (AtT-20, Hepa, 3T3, RAW264.7), canine (MDCK) and monkey (COS-7) whole cell lysates.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Anti-CD63 Ab at 1/2,500 dilution; lysate at 50 µg per lane;
Rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution.



IHC of mouse spleen using anti-CD63 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CD63 Ab at 1:500/DAB detection.

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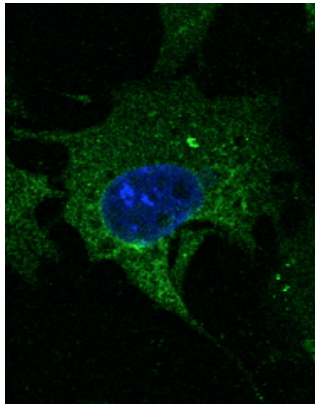
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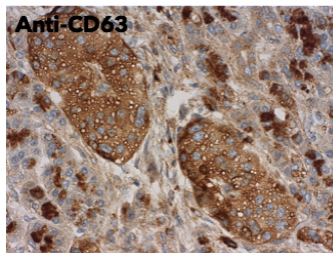
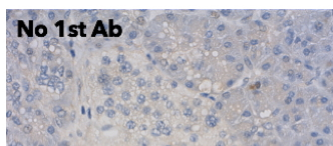
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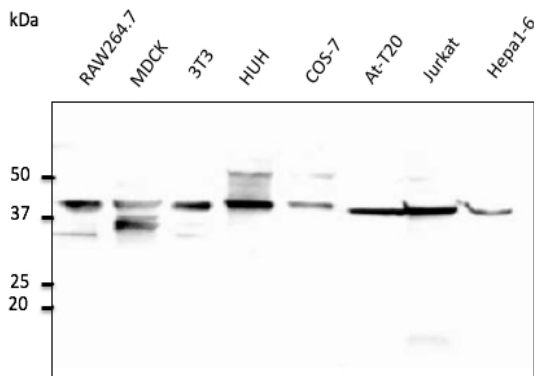
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Immunofluorescence - anti-CD63 Ab in Hepa1-6 cells at 1/50 dilution; cells were fixed with 4% of PFA.



IHC of human pancreas using anti-CD63 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CD63 Ab at 1:500/DAB detection.



Anti-CD63 Ab at 1/2,500 dilution; lysate at 50 µg per lane; Rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution.

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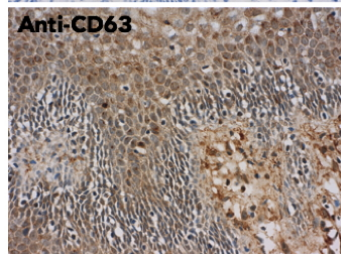
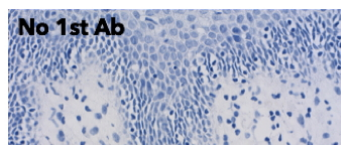
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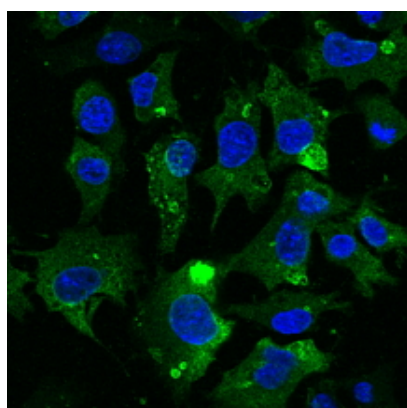
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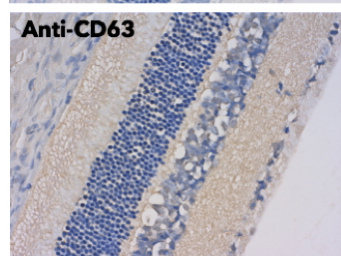
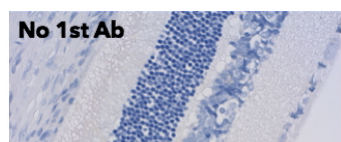
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IHC of human cervix using anti-CD63 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CD63 Ab at 1:500/DAB detection.



Immunofluorescence – anti-CD63 Ab in Hepa1-6 cells at 1/50 dilution; cells were fixed with 4% of PFA.



IHC of rat eye using anti-CD63 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CD63 Ab at 1:500/DAB detection.

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