

Rabbit anti-Human CD63 Polyclonal Antibody | anti-CD63 antibody

CD63 Antibody (C-term)

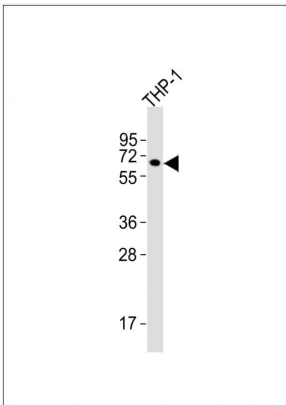
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28725	Rabbit	Human	Western Blot, ELISA, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

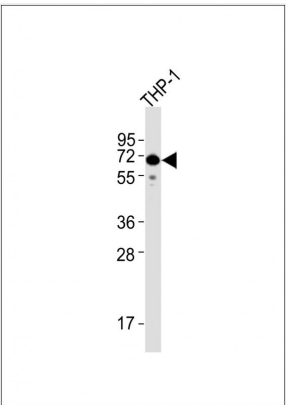
CD63; Polyclonal Antibody; CD63 Antibody (C-term); CD63 antigen; Granulophysin; Lysosomal-associated membrane protein 3; LAMP-3; Melanoma-associated antigen ME491; OMA81H; Ocular melanoma-associated antigen; Tetraspanin-30; Tspan-30; MLA1; TSPAN30; anti-CD63 antibody

PRODUCT SPECIFICATIONS

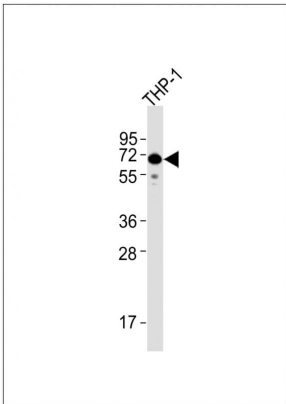
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CD63 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 163-190 amino acids from the C-terminal region of human CD63.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	163-190
Sequence Length	156
Applicable Applications for anti-CD63 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB~~1:1000
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



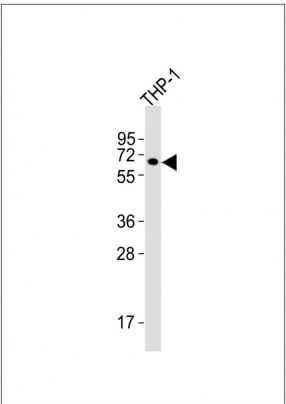
WB (Western Blot)
Anti-CD63 Antibody (C-term) at 1:2000 dilution + human plasma lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 25 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



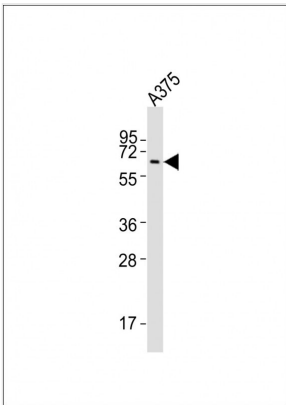
WB (Western Blot)
All lanes : Anti-CD63 Antibody (C-term) at 1:2000 dilutionLane 1: A2058 whole cell lysatesLane 2: A375 whole cell lysatesLane 3: THP-1 whole cell lysatesLane 4: U-87 MG whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 25 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



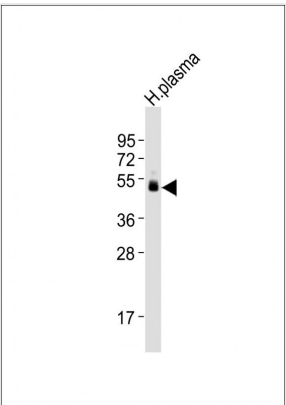
WB (Western Blot)
Anti-CD63 Antibody (C-term) at 1:2000 dilution + THP-1 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 26 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
Anti-CD63 Antibody (C-term) at 1:2000 dilution + THP-1 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 26 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
Anti-CD63 Antibody (C-term) at 1:2000 dilution + A375 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 26 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
Anti-CD63 Antibody (C-term) at 1:1000 dilution + human plasma lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 25 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-CD63 antibody	CD63 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. The use of alternate polyadenylation sites has been found for this gene.
Product Categories/Family for anti-CD63 antibody	Cancer; Cardiovascular; Immunology; Metabolism
References	Weng, J., et al. J. Virol. 83(15):7467-7474(2009) Kassahn, D., et al. Cell Death Differ. 16(1):115-124(2009) Logozzi, M., et al. PLoS ONE 4 (4), E5219 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	383872447
NCBI GeneID	967
NCBI Accession #	NP_001244318.1; NP_001244319.1; NP_001244320.1; NP_001244321.1; NP_001244329.1; NP_001244330.1; NP_001254627.1; NP_001771.1
NCBI GenBank Nucleotide #	NM_001257389.1
UniProt Accession #	P08962; Q5TZP3; Q8N6Z9; Q9UCG6; F8VZE2
Molecular Weight	25637
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
UniProt Entry Name	CD63_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/cd63-antibody-western-blot-immunohistochemistry-flow-cytometry-elisa/28725>