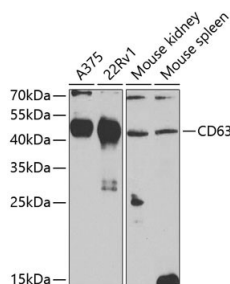


Cat. No:	AB-83481
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 103-203 of human CD63
Reactivity:	Hu
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200
Molecular Weight:	30-60kDa
Purification:	Aff. Pur.
Synonyms:	CD63;LAMP-3;ME491;MLA1;OMA81H;TSPAN30;CD63 antigen;CD63

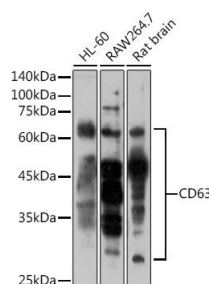
Background:

The protein encoded by this gene 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. The 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. Alternative splicing results in multiple transcript variants encoding different protein isoforms.

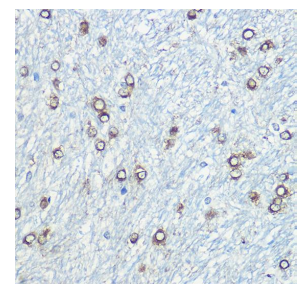
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.



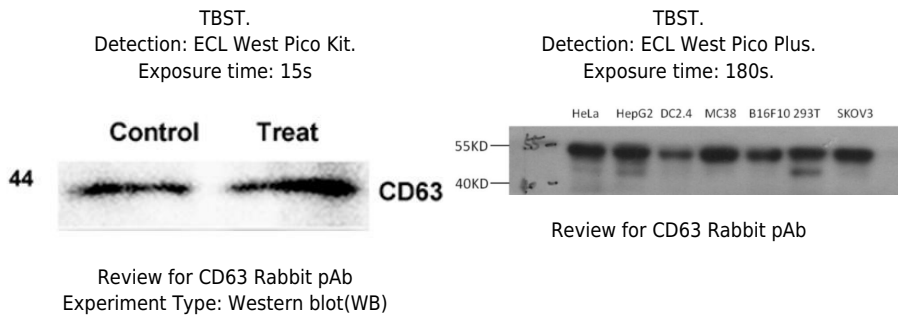
Western blot analysis of extracts of various cell line, using CD63 at 1:1,000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10,000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in



Western blot analysis of extracts of various cell lines, using CD63 antibody (at 1:1000 dilution).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in



Immunohistochemistry of paraffinembedded rat brain using CD63 Rabbit pAb at dilution of 1:100 (40x lens).



References

References for CD63 Rabbit pAb

Product:CD63 Rabbit pAb

Journal:Prostate

Application:WB

IF:3.819

Species:Homo sapiens

PMID:28617988

Title:MiR-145 detection in urinary extracellular vesicles increase diagnostic efficiency of prostate cancer based on hydrostatic filtration dialysis method

References for CD63 Rabbit pAb

Product:CD63 Rabbit pAb

Journal:Nature Communications

Application:WB

IF:12.015

Species:Homo sapiens

PMID:29335551

Title:Tumor-derived exosomal miR-1247-3p induces cancer-associated fibroblast activation to foster lung metastasis of liver cancer

References for CD63 Rabbit pAb

Product:CD63 Rabbit pAb

Journal:Fish & shellfish immunology

Application:WB

IF:3.18

Species:Danio rerio

PMID:30885742

Title:In vivo multivesicular bodies and their exosomes in the absorptive cells of the zebrafish (Danio Rerio) gut.

References for CD63 Rabbit pAb

Product:CD63 Rabbit pAb

Journal:Inhalation toxicology

Application:WB

IF:1.81

Species:Rattus norvegicus

PMID:31068039

Title:Mesenchymal stem cell-derived exosomes attenuate phosgene-induced acute lung injury in rats.

References for CD63 Rabbit pAb

Product:CD63 Rabbit pAb

Journal:Frontiers in physiology

Application:WB

IF:2.323

Species:Rattus norvegicus

PMID:29674977

Title:

Serum-Derived Extracellular Vesicles Protect Against Acute Myocardial Infarction by Regulating miR-21/PDCD4 Signaling Pathway

References for CD63 Rabbit pAb

Product:CD63 Rabbit pAb

Journal:Biomedicine & Pharmacotherapy

Application:WB

IF:3.74

Species:Rattus norvegicus

PMID:31707339

Title:Lung-derived exosomes in phosgene-induced acute lung injury regulate the functions of mesenchymal stem cells partially via miR-28-5p

References for CD63 Rabbit pAb

Product:CD63 Rabbit pAb

Journal:Biochimica et Biophysica acta. Molecular Cell Research

Application:WB

IF:4.73

Species:Homo sapiens

PMID:32198023

Title:Talin2 mediates secretion and trafficking of matrix metalloproteinase 9 during invadopodium formation

References for CD63 Rabbit pAb

Product:CD63 Rabbit pAb

Journal:Aging

Application:WB

IF:5.51

Species:Homo sapiens

PMID:32096479

Title:Adipose-derived mesenchymal stem cells-derived exosome-mediated microRNA-342-5p protects endothelial cells against atherosclerosis

References for CD63 Rabbit pAb

Product:CD63 Rabbit pAb

Journal:Biological Research

Application:WB

IF:2.48

Species:Homo sapiens

PMID:32209121

Title:Mast cells-derived MiR-223 destroys intestinal barrier function by inhibition of CLDN8 expression in intestinal epithelial cells

References for CD63 Rabbit pAb

Product:CD63 Rabbit pAb

Journal:Veterinary microbiology

Application:WB

IF:2.52

Species:Cynoglossus semilaevis

PMID:30642589

Title:In vivo dynamic distribution of multivesicular bodies and exosomes in spleen of DTMUV infected duck.

References for CD63 Rabbit pAb

Product:CD63 Rabbit pAb

Journal:Theranostics

Application:WB

IF:8.063

Species:Homo sapiens

PMID:31149048

Title:Localized injection of miRNA-21-enriched extracellular vesicles effectively restores cardiac function after myocardial infarction.

References for CD63 Rabbit pAb

Product:CD63 Rabbit pAb

Journal:Aging-us

Application:WB

IF:5.515

Species:Homo sapiens

PMID:32375124

Title:Exosomal long non-coding RNA MSTRG.292666.16 is associated with osimertinib (AZD9291) resistance in non-small cell lung cancer.

References for CD63 Rabbit pAb

Product:CD63 Rabbit pAb

Journal:Biochimie

Application:WB

IF:3.41

Species:Mus musculus

PMID:32800897

Title:Exosomes derived from TSG-6 modified mesenchymal stromal cells attenuate scar formation during wound healing

References for CD63 Rabbit pAb

Product:CD63 Rabbit pAb

Journal:Exp Cell Res

Application:WB

IF:3.23

Species:Rattus norvegicus

PMID:32464126

Title:Exosomal miR-532-5p from bone marrow mesenchymal stem cells reduce intervertebral disc degeneration by targeting RASSF5

References for CD63 Rabbit pAb

Product:CD63 Rabbit pAb

Journal:Cell Commun Signal

Application:WB

IF:4.26

Species:Homo sapiens

PMID:33618729

Title:Cancer-derived exosomal miR-7641 promotes breast cancer progression and metastasis

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