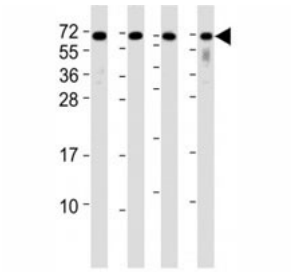
CD63 Antibody / LAMP-3 (F49127)

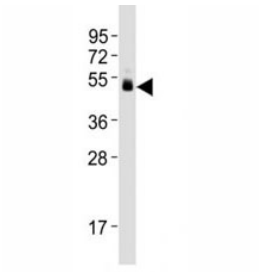
Catalog No.	Formulation	Size
F49127-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F49127-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

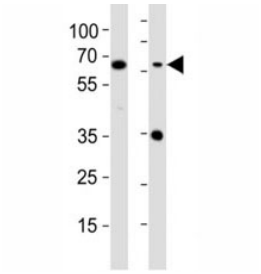
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P08962
Localization	Cytoplasm, cell surface and secreted
Applications	Western blot: 1:1000 IHC (FFPE): 1:25 FACS: 1:25 per 1x10^6 cells
Limitations	This CD63 antibody is available for research use only.



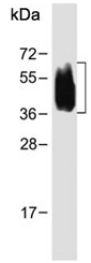
Western blot testing of CD63 antibody at 1:2000 dilution. Lane 1: A2058 lysate; 2: A375 lysate; 3: THP-1 lysate; 4: U-87 MG lysate; Predicted molecular weight: 25-60 kDa depending on glycosylation level.



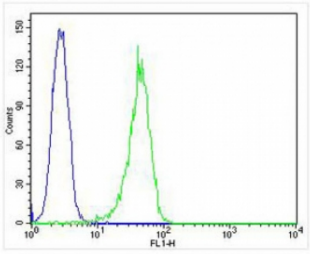
Western blot testing of CD63 antibody at 1:1000 dilution + human plasma lysate; Predicted molecular weight: 25-60 kDa depending on glycosylation level.



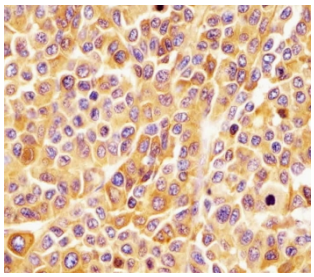
Western blot testing of CD63 antibody at 1:1000 dilution. Lane 1: A2058 lysate; 2: MDA-MB-453 lysate; Predicted molecular weight: 25-60 kDa depending on glycosylation level.



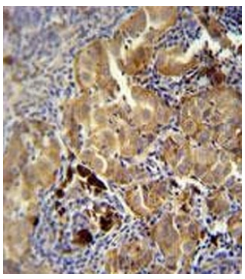
Western blot testing of human spleen tissue lysate with CD63 antibody. Predicted molecular weight: 25-60 kDa depending on glycosylation level.



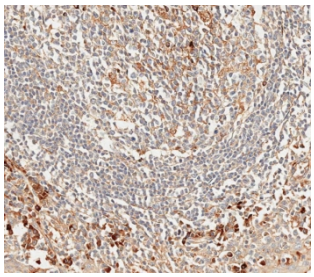
FACS testing of fixed and permeabilized human HL-60 cells with CD63 antibody at 1:25 dilution. Blue = isotype control, Green = CD63 antibody.



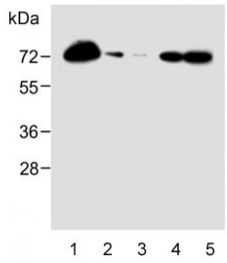
IHC testing of FFPE human melanoma tissue with CD63 antibody at 1:25 dilution. HIER: steam tissue sections in 10mM citrate buffer, pH 6, for 10-20 min followed by cooling at RT for 20 min.



IHC testing of FFPE human skin with CD63 antibody at 1:25 dilution. HIER: steam tissue sections in 10mM citrate buffer, pH 6, for 10-20 min followed by cooling at RT for 20 min.



IHC testing of FFPE human tonsil tissue with CD63 antibody. HIER: steam tissue sections in 10mM citrate buffer, pH 6, for 10-20 min followed by cooling at RT for 20 min.



Western blot testing of human 1) HL-60, 2) U-251 MG, 3) THP-1, 4) A2058 and 5) A375 lysate with CD63 antibody. Predicted molecular weight: 25-60 kDa depending on glycosylation level.

Description

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.

Application Notes

Titration of the CD63 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 163-190 from the human protein was used as the immunogen for this CD63 antibody.

Storage

Aliquot the CD63 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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