

CD63 Antibody

Catalog No: tcna3329



Available Sizes

Size: 0.08ml

Size: 0.4ml



Specifications

Application:

WB, IHC, FACS

Species Reactivity:

Human

Host Species:

Rabbit

Immunogen / Amino acids:

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

Conjugation:

Antigen affinity purified

Clonality:

Polyclonal

Isotype:

Rabbit Ig

Form:

Liquid

Storage Buffer:

In 1X PBS pH 7.4 with 0.09% sodium azide

Recommended Dilution:

Western blot: 1:1000

IHC (FFPE): 1:25

FACS: 1:25 per 1×10^6 cells Titration of the CD63 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Storage Instruction:

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

SwissProt:

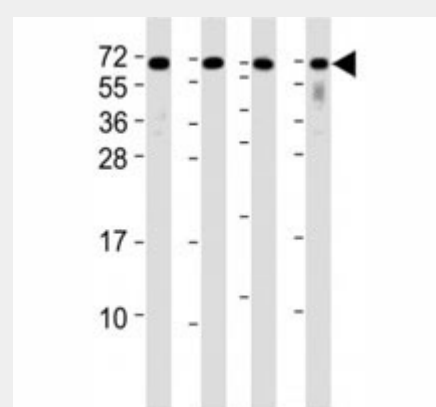
P08962

References

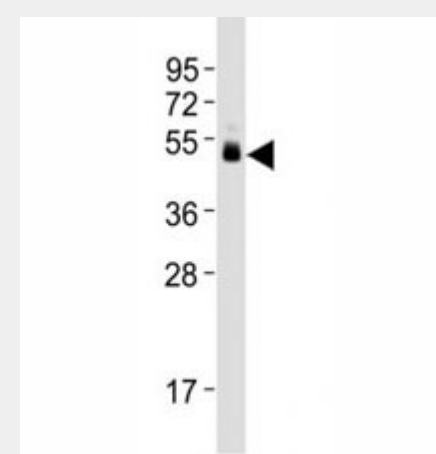
Antigen affinity purified

Product Description

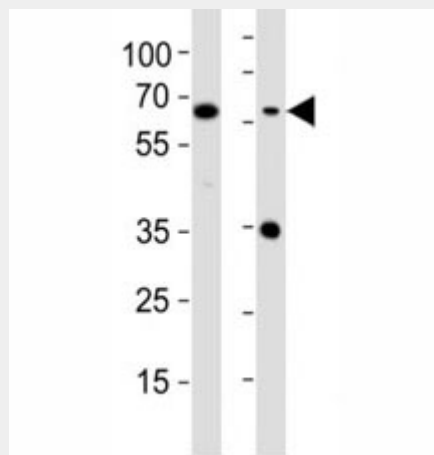
CD63 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, 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.



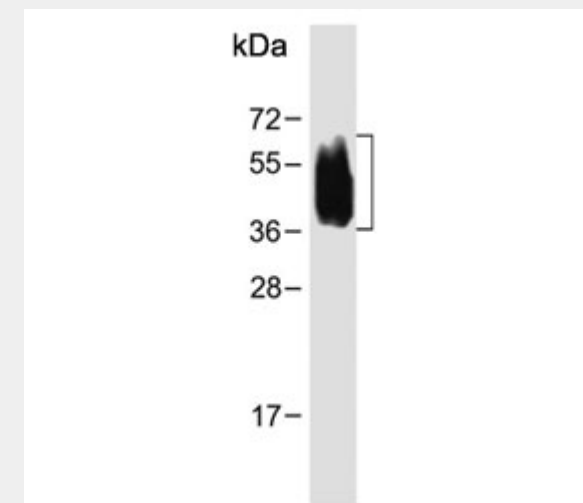
Western blot testing of CD63 antibody at 1:2000 dilution. Lane 1: A2058 lysate; 2: A375 lysate; 3: THP-1 lysate; 4: U-87 MG lysate; Predicted band size: 25-60 kDa depending on glycosylation level.



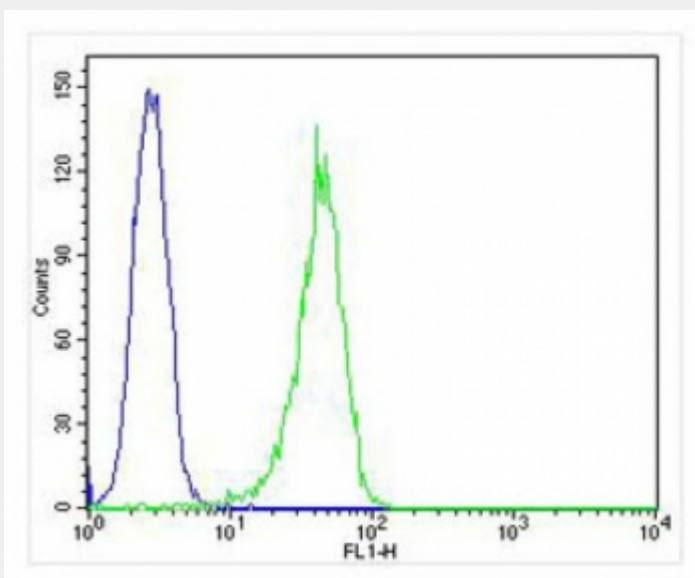
Western blot testing of CD63 antibody at 1:1000 dilution + human plasma lysate; Predicted band size: 25-60 kDa depending on glycosylation level.



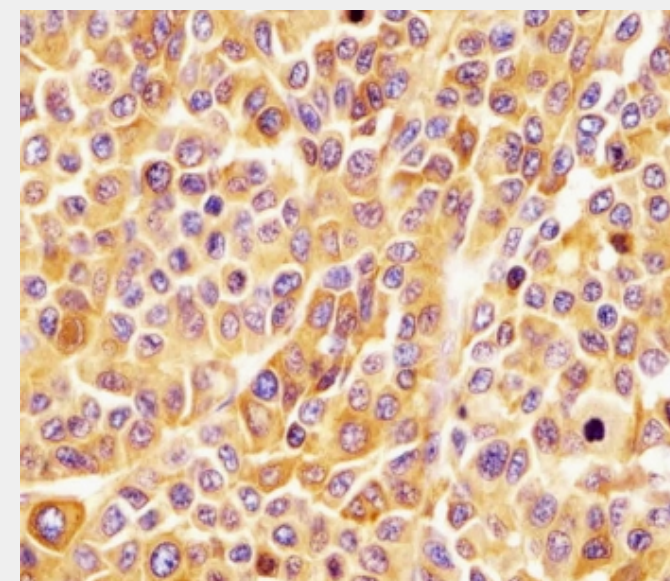
Western blot testing of CD63 antibody at 1:1000 dilution. Lane 1: A2058 lysate; 2: MDA-MB-453 lysate; Predicted band size: 25-60 kDa depending on glycosylation level.



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. 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.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!