

A19023

Leader in Biomolecular Solutions for Life Science



CD63 Rabbit mAb

Catalog No.: A19023 **Recombinant** **29 Publications**

Basic Information

Observed MW

30-65kDa

Calculated MW

17kDa/23kDa/25kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC51703

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.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:2000 - 1:10000

Immunogen Information

Gene ID	Swiss Prot
967	P08962

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 103-203 of human CD63 (NP_001771.1).

Synonyms

MLA1; ME491; LAMP-3; OMA81H; TSPAN30; CD63

Contact



www.abclonal.com

Product Information

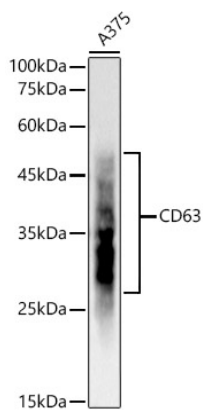
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

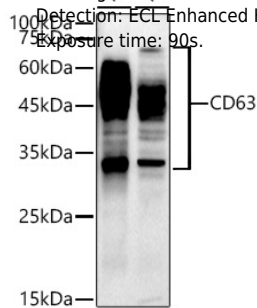
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data

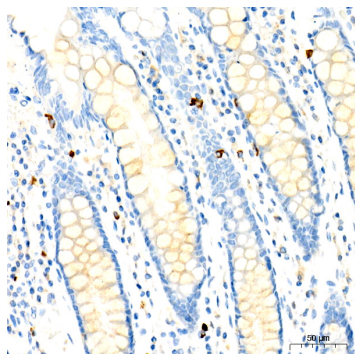


Western blot analysis of lysates from A375 cells, using CD63 Rabbit mAb (A19023) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.

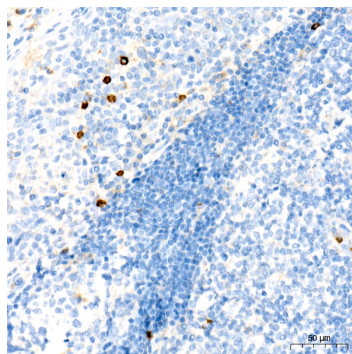
Western blot analysis of various lysates, using CD63 Rabbit mAb (A19023) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.



Immunohistochemistry analysis of CD63 in paraffin-embedded human colon using CD63 Rabbit mAb (A19023) at dilution of 1:10000 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of CD63 in paraffin-embedded human tonsil using CD63 Rabbit mAb (A19023) at dilution of 1:10000 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.