

CD63 Antibody

Catalog No: #40192



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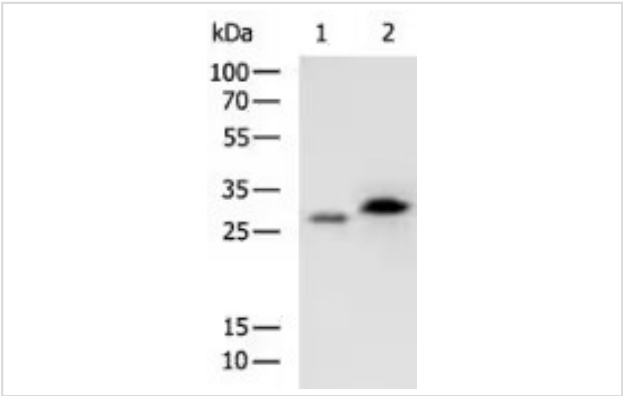
Description

Product Name	CD63 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	ELISA, WB, IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total CD63 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human CD63 molecule
Target Name	CD63
Other Names	MLA1; ME491; LAMP-3; OMA81H; TSPAN30
Accession No.	Swiss-Prot:P08962Gene Accssion:NP_001244318
SDS-PAGE MW	26KD
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

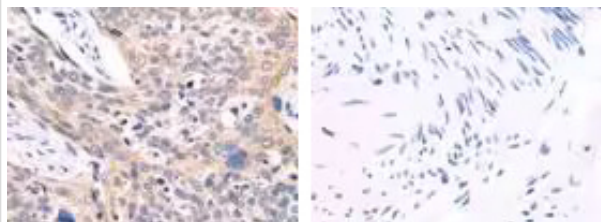
Application Details

WB α O 500-2000
IHC :50-200

Images



Gel: 12%SDS-PAGE
Lysate: 40 μ g
Lane 1-2: THP-1 and NIH/3T3 cell lysates
Primary antibody: CD63 Antibody at dilution 1/800
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 30 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using CD63 Antibody at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

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.

Published Papers

et al., Exosomes Derived from Akt -Modified Human Umbilical Cord Mesenchymal Stem Cells Improve Cardiac Regeneration and Promote Angiogenesis via Activating Platelet-Derived Growth Factor D. In Stem Cells Transl Med on 2017 Jan by Jie Ma, Yuanyuan Zhao, et al..PMID:28170176, , (2017)

[PMID:28170176](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.