

CD63 Antibody

Catalog No: #40192

Package Size: #40192 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

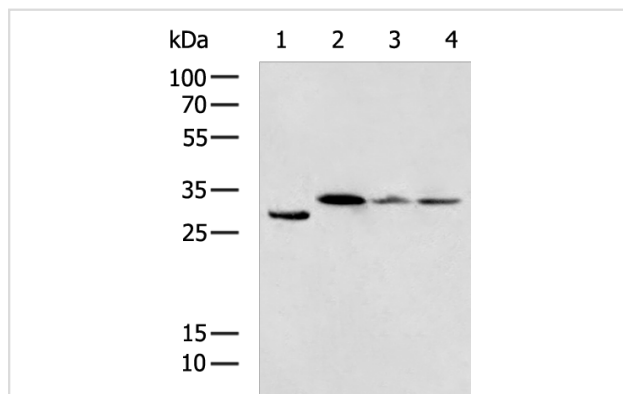
Product Name	CD63 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	ELISA, WB, IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous levels of total CD63 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human CD63 molecule
Conjugates	Unconjugated
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% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

WB α O 500-2000

IHC :50-200

Images



Gel: 12%SDS-PAGE

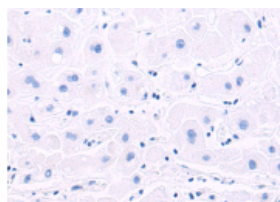
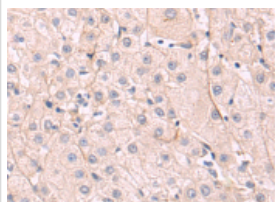
Lysate: 40 ug

Lane 1-4: LNCAP, NIH/3T3, THP-1, Mouse small intestines tissue lysates

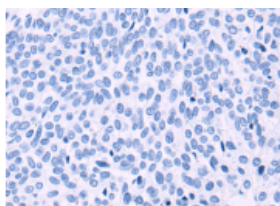
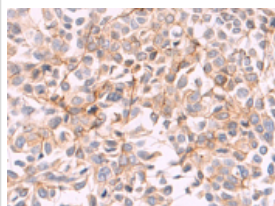
Primary antibody: at dilution 1/800

Secondary antibody: at 1/5000 dilution

Exposure time: 30 seconds



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



The image on the left is immunohistochemistry of paraffin-embedded Human bladder cancer tissue at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: 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

el at., 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.