

CD63 Antibody

Catalog No: #40192

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Description

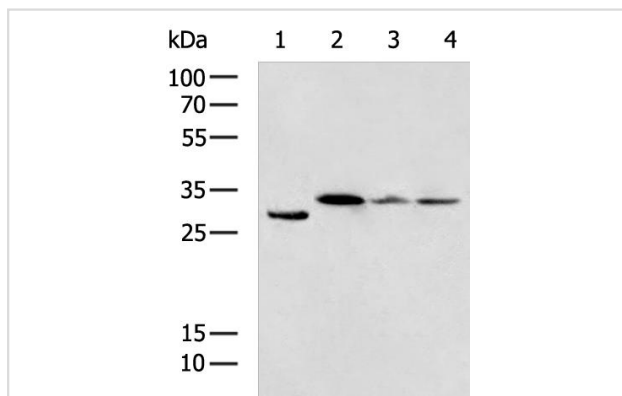
Product Name	CD63 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	ELISA, WB, IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total CD63 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human CD63 molecule
Target Name	CD63
Other Names	MLA1; ME491; LAMP-3; OMA81H; TSPAN30
Accession No.	Swiss-Prot:P08962Gene Accssion:NP_001244318
Uniprot	P08962
GeneID	967;
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

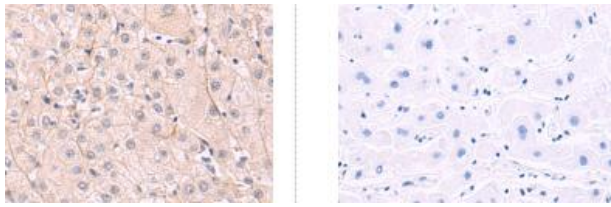
Lysate: 40 ug

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

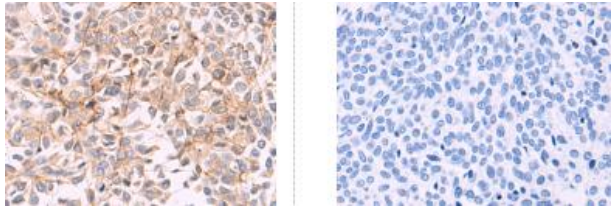
Primary antibody: at dilution 1/800

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.

Note: This product is for in vitro research use only