OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA802811

CD63 Mouse Monoclonal Antibody [Clone ID: OTI1E10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1E10
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CD63 (NP_001771) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	CD63 molecule
Database Link:	NP_001771 Entrez Gene 967 Human P08962

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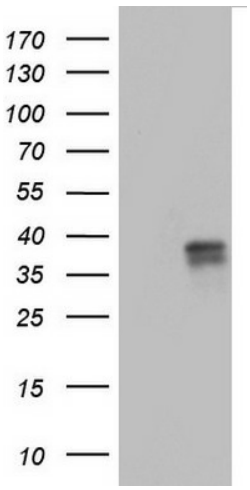
Background: The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play 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. [provided by RefSeq, Apr 2012]

Synonyms: LAMP-3; ME491; MLA1; OMA81H; TSPAN30

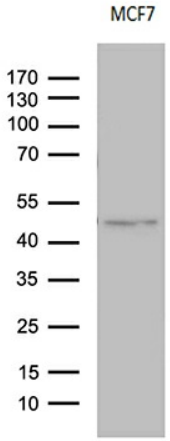
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Lysosome

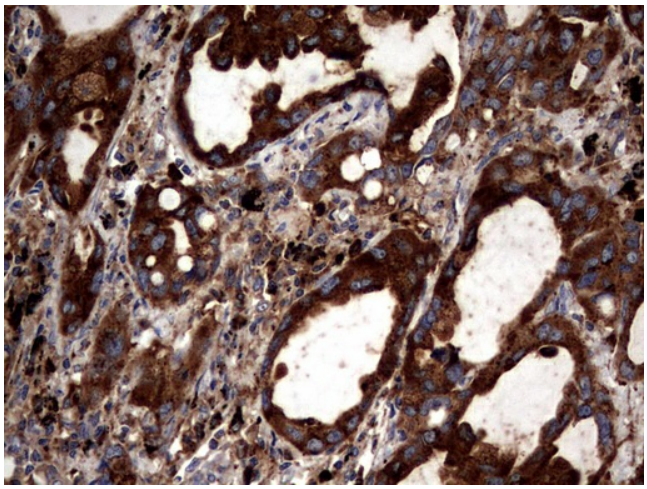
Product images:



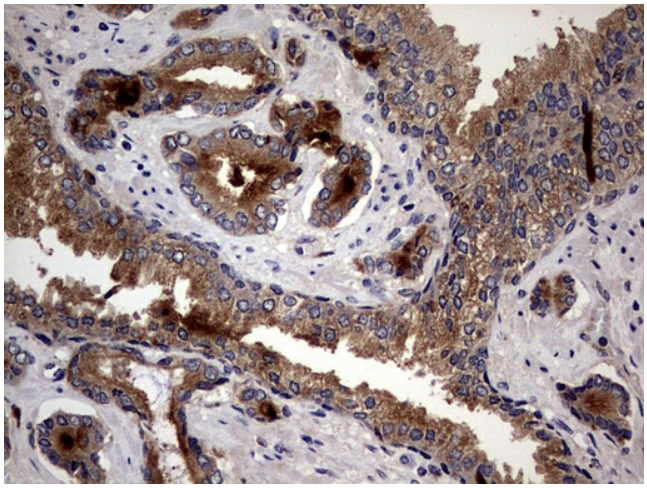
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD63 ([RC201733], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD63. Positive lysates [LY419757] (100ug) and [LC419757] (20ug) can be purchased separately from OriGene.



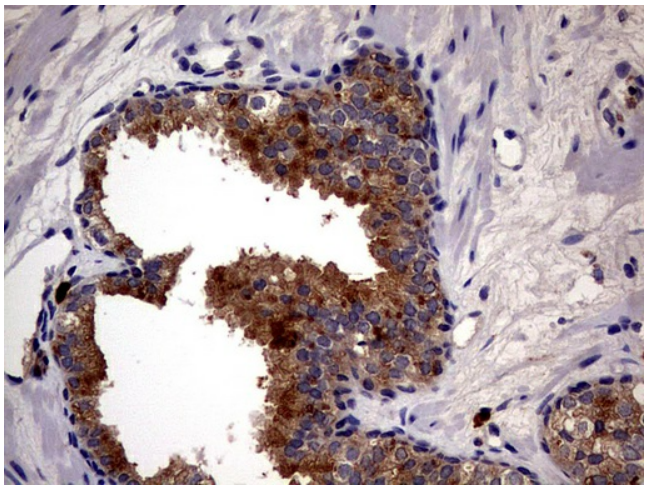
Western blot analysis of extracts (35ug) from MCF7 cell line by using anti-CD63 monoclonal antibody (1:500).



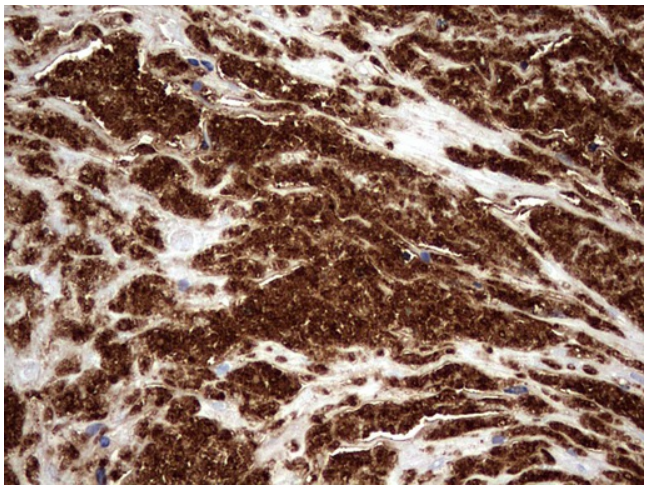
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-CD63 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA802811)



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-CD63 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA802811)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-CD63 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA802811)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-CD63 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA802811)