Data Sheet (Cat.No.TMAB-00378)

Anti-CD63 Antibody (7S689)

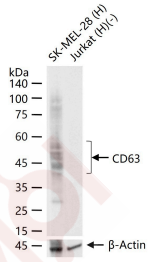
Product Details

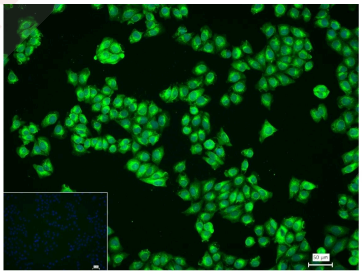
Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 26 kDa. Actual: 30-60 kDa.
Clone:	7S689
Purification:	Protein A purified

Applications

Verified Activity:

1. 25 μg total protein per Lane of various lysates probed with CD63 monoclonal antibody, unconjugated (TMAB-00378) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.
2. 4% Paraformaldehyde-fixed A375 (H) cell; Triton X-100 at RT for 20 min; Antibody incubation with (CD63) monoclonal Antibody, unconjugated (TMAB-00378) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green) at 37°C for 90 min, DAPI (blue) was used to stain the cell nucleus. PBS instead of the primary antibody was used as the blank control.





Application:	ICC/IF,IF,IHC-Fr,IHC-P,WB
Recommended	ICC/IF=1:50-200; IF=1:200-800; IHC-Fr=1:200-800; IHC-P=1:200-800; WB=1:1000-5000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human CD63
Antigen Species:	Human
Gene ID:	967
Uniprot ID:	P08962
Synonyms:	ME491;Tspan30;OMA81H;MLA1;LAMP-3;CD63 molecule
Biology Area:	Cell adhesion,Tumor antigens,Platelets,Platelets,Tumor Associated

Research 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]

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481