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Human CD63 Mouse mAb

Catalog # AP99801

Product Information

Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	26 KDa
Physical State	Liquid
Isotype	Mouse IgG1, k
Purity	affinity purified by Protein G
Buffer	0.01M PBS (pH7.4).
SIMILARITY	Belongs to the tetraspanin (TM4SF) family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Other Names	AD1; HOP-26; ME491; MLA1; OMA81H; Pltgp40; TSPAN30; CD63_HUMAN; CD63; Granulophysin; Lysosomal-associated membrane protein 3 (LAMP-3); Lysosome integral membrane protein 1 (Limp1); Melanoma-associated antigen ME491; Ocular melanoma-associated antigen; Tetraspanin-30 (Tspan-30); CD63 molecule; CD63 antigen (melanoma 1 antigen); AD1 antigen
Dilution	Flow-Cyt=1 μg/Test,ICC/IF=1:50-200
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	Human CD63 Mouse mAb
Function	This antigen is associated with early stages of melanoma tumor progression. May play a role in growth regulation.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.