

CD63 Rabbit pAb

Catalog # AP53535

Product Information

Primary Accession	P41731
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	25767

Additional Information

Gene ID	12512
Other Names	CD63 antigen, CD63, Cd63
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

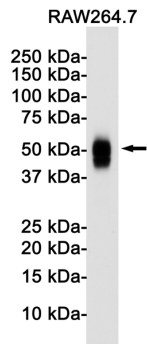
Protein Information

Name	Cd63
Function	Functions as a cell surface receptor for TIMP1 and plays a role in the activation of cellular signaling cascades. Plays a role in the activation of ITGB1 and integrin signaling, leading to the activation of AKT, FAK/PTK2 and MAP kinases. Promotes cell survival, reorganization of the actin cytoskeleton, cell adhesion, spreading and migration, via its role in the activation of AKT and FAK/PTK2. Plays a role in VEGFA signaling via its role in regulating the internalization of KDR/VEGFR2. Plays a role in intracellular vesicular transport processes, and is required for normal trafficking of the PMEL luminal domain that is essential for the development and maturation of melanocytes. Plays a role in the adhesion of leukocytes onto endothelial cells via its role in the regulation of SELP trafficking. May play a role in mast cell degranulation in response to Ms4a2/FcεRI stimulation, but not in mast cell degranulation in response to other stimuli.
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:P08962}; Multi-pass membrane protein. Lysosome membrane; Multi-pass membrane protein. Late endosome membrane; Multi-pass membrane protein. Endosome, multivesicular body {ECO:0000250 UniProtKB:P08962}. Melanosome {ECO:0000250 UniProtKB:P08962}. Secreted, extracellular exosome. Cell surface {ECO:0000250 UniProtKB:P08962}. Note=Also found in Weibel-Palade bodies of endothelial cells. Located in platelet dense granules. Detected in a subset of pre-melanosomes. Detected on intraluminal vesicles (ILVs) within multivesicular bodies. {ECO:0000250 UniProtKB:P08962}
Tissue Location	Ubiquitous. Strongly expressed in kidney. Detected in spleen, bone marrow,

Background

Swiss-Prot Acc.P41731.

Images



Western blot detection of CD63 in Raw264.7 cell lysates using CD63 Rabbit pAb(1:1000 diluted). Predicted band size:26kDa.Observed band size:40-70kDa.

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