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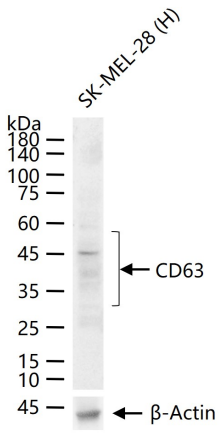
CD63 Rabbit pAb

Catalog Number:	bs-1523R
Target Protein:	CD63
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Human
Predicted MW:	26 kDa
Detected MW:	30-50 kDa
Entrez Gene:	967
Swiss Prot:	P08962
Source:	KLH conjugated synthetic peptide derived from human CD63: 101-200/238.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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]

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with CD63 polyclonal antibody, unconjugated (bs-1523R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

PRODUCT SPECIFIC PUBLICATIONS

[IF=13.6] Juan Yan. et al. Engineered exosomes reprogram Gli1+ cells in vivo to prevent calcification of vascular grafts and autologous pathological vessels. SCI ADV. 2023 Jul;9(29) WB ; Human . 37478186

[IF=10.9] Zetao Wang. et al. Extracellular vesicles loaded dual-network bioactive sealant via immunoregulation and annulus fibrosus repair for intervertebral disc herniation. J MATER SCI TECHNOL. 2024 Jun;184:75 WB ; Human . 10.1016/j.jmst.2023.10.034

[IF=10.6] Zhang Miaomiao. et al. Targeting glutamine synthetase with AS1411-modified exosome-liposome hybrid nanoparticles for inhibition of choroidal neovascularization. J NANOBIOTECHNOL. 2024 Dec;22(1):1-16 WB ; Human . 39533430

[IF=9.598] Sung MS et al. Single-Molecule Co-Immunoprecipitation Reveals Functional Inheritance of EGFRs in Extracellular Vesicles. (2018) Small,14(42):e1802358. FCM,WB ; . 30239124

[IF=10.435] Li, Kanglu. et al. Anti-inflammatory and immunomodulatory effects of the extracellular vesicles derived from human umbilical cord mesenchymal stem cells on osteoarthritis via M2 macrophages. J Nanobiotechnol. 2022 Dec;20(1):1-20 WB ; Human . 35057811