www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

Anti-CD63 (Extracellular region) Antibody

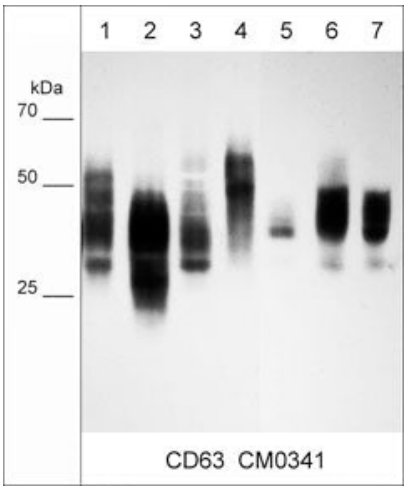
phosphosolutions ANTIBODIES THAT WORK

Product Details

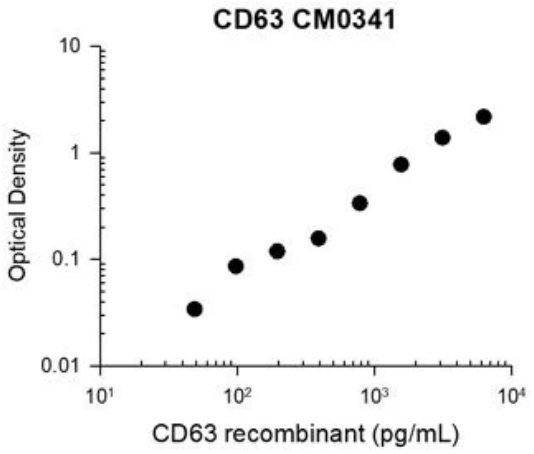
Available Variants	100 µL (SKU:CM0341)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M034
Gene Name	CD63
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, ICC, IP, WB
Dilution Ranges	WB: 1:2000 ICC: 1:100 IP: 1:100
Species Reactivity	Human
Immunogen	Clone (M034) was generated from a proprietary antigen related to the native human CD63 expressed in MeWo melanoma cell line.
Specificity	Clone M034 mouse monoclonal antibody detects a 30-60 kDa* protein on SDS-PAGE "Native" immunoblots of human A549, MeWo, MDA-MB-231, and MCF7 cells, as well as human breast, lung, and skin tissues. This antibody does not detect denatured CD63. The antibody works for western blot, immunoprecipitation, ELISA, and immunocytochemistry.
Molecular Weight	30-60
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	P08962 UniProt Summary: 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/FceRI stimulation, but not in mast cell degranulation in response to other stimuli.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	967

Product Images



Immunocytochemical labeling of CD63 in paraformaldehyde fixed human MeWo melanoma cells. The cells were labeled with mouse monoclonal CD63 (CM0341). The antibody was detected using goat anti-mouse Ig DyLight® 594.



Representative Standard Curve using mouse monoclonal anti-CD63 (CM0341) for ELISA capture of human recombinant CD63 extracellular region with His-tag. Capture was detected by using an anti-His-tag antibody followed by appropriate secondary antibody conjugated to HRP.