

CD63 Monoclonal Antibody

catalog number: AN200006P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

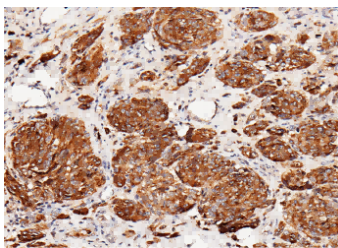
Reactivity	Human
Immunogen	Recombinant Human CD63 protein
Host	Mouse
Isotype	IgG1
Clone	5A7
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

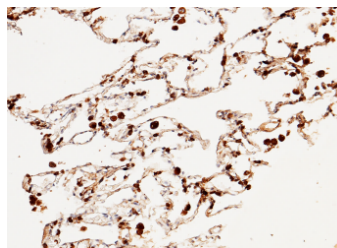
Recommended Dilution

IHC-P	1:50-1:200
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Data



Immunohistochemistry of paraffin-embedded human malignant melanoma using CD63 Monoclonal Antibody at dilution of 1:60.



Immunohistochemistry of paraffin-embedded human lung using CD63 Monoclonal Antibody at dilution of 1:60.

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

Functions as 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.

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