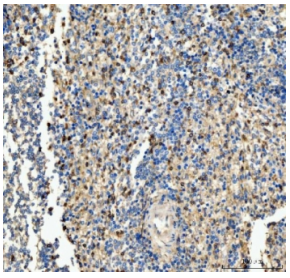
CD63 Antibody / LAMP-3 (R31663)

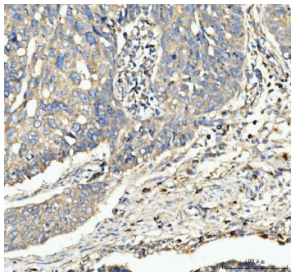
Catalog No.	Formulation	Size
R31663	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

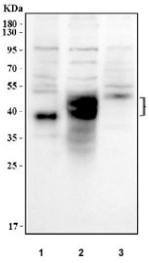
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
Gene ID	967
Localization	Cytoplasmic, lysosome membrane
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml
Limitations	This CD63 antibody is available for research use only.



IHC staining of FFPE human spleen tissue with CD63 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human bladder urothelial carcinoma tissue with CD63 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) MDA-MB-453, 2) U-87 MG and 3) HL-60 cell lysate with CD63 antibody. Expected molecular weight: 26-60 kDa depending on the level of glycosylation.

Description

CD63 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. CD63 is mainly associated with membranes of intracellular vesicles, although cell surface expression may be induced. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. CD63 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.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CD63 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 97-238) was used as the immunogen for this CD63 antibody.

Storage

After reconstitution, the CD63 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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