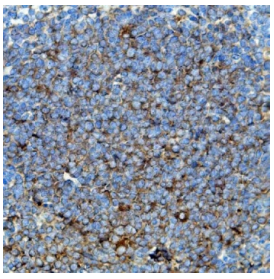
Cd63 Antibody / Lamp-3 (RQ5804)

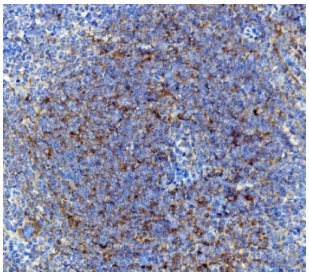
Catalog No.	Formulation	Size
RQ5804	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

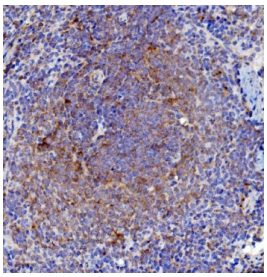
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P41731
Applications	Immunohistochemistry : 1-2ug/ml
Limitations	This Cd63 antibody is available for research use only.



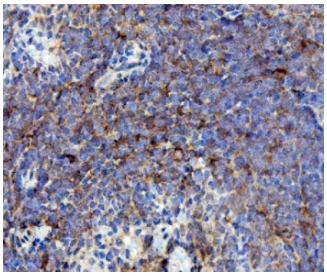
IHC staining of FFPE mouse spleen with Cd63 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE mouse spleen with Cd63 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat spleen with Cd63 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat spleen with Cd63 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

CD63 antigen is a protein that in humans is encoded by the CD63 gene. 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. It is mapped to 12q13.2. 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. This 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.

Application Notes

Optimal dilution of the Cd63 antibody should be determined by the researcher.

Immunogen

Amino acids AVAIAGYVFRDQVKSE from the mouse protein were used as the immunogen for the 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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