

Basic Information

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| Product Name | Anti-CD63 Antibody (Clone#BGG-3) | |
| Gene Name | CD63 | |
| Source | Rabbit | |
| Clonality | Monoclonal | |
| Isotype | IgG | |
| Species Reactivity | human | |
| Tested Application | WB, IHC, ICC/IF | |
| Contents | 500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol. | |
| Immunogen | A synthesized peptide derived from human CD63 | |
| Concentration | 500 ug/ml | |
| Purification | Affinity-chromatography | |
| Observed MW | 26/60 kDa | |
| Dilution Ratios | Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-200 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:50-200 | |

Storage

12 months from date of receipt, -20°C as supplied.

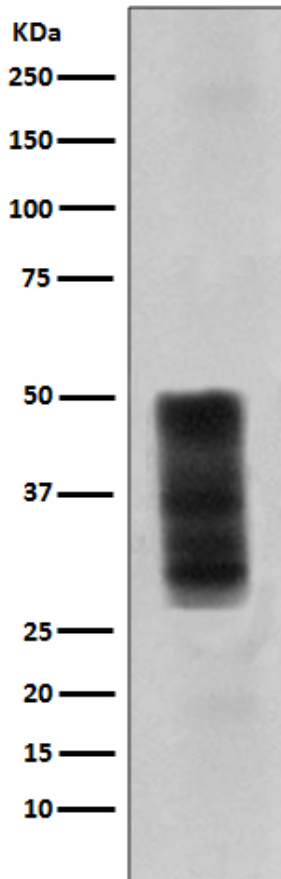
Background Information

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.

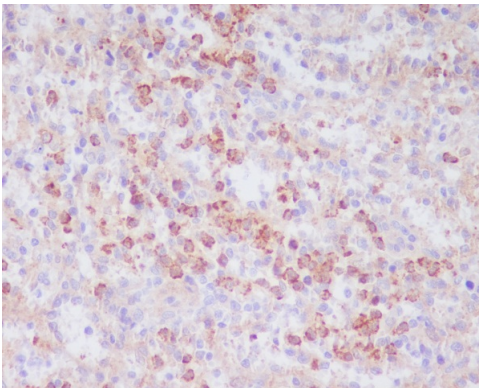
Reference

Anti-CD63 Antibody (Clone#BGG-3)被引用在2文献中。

Selected Validation Data



Western blot analysis of CD63 expression in A375 cell lysate.



Immunohistochemical analysis of paraffin-embedded human spleen, using CD63 Antibody .

Product datasheet

Anti-CD63 Antibody (Clone#BGG-3)

Catalog Number: BM4133



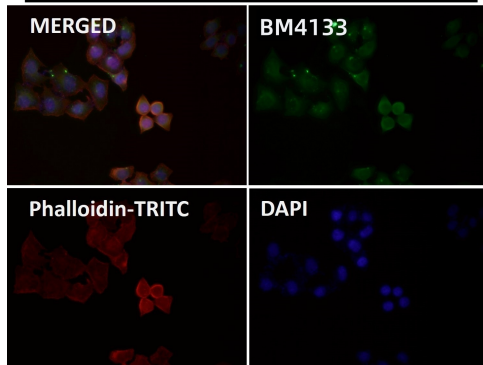
antibody and ELISA experts

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HeLa



Immunofluorescent analysis using the Antibody.