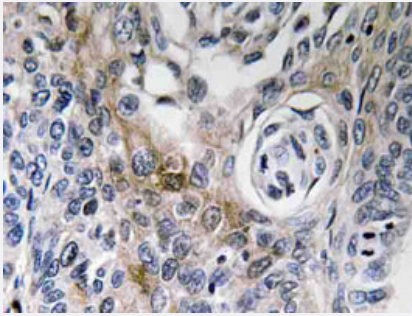


CD63 polyclonal antibody

Catalog # PAB25155 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using CD63 polyclonal antibody (Cat # PAB25155).

Specification

| | |
|----------------------------|---|
| Product Description | Rabbit polyclonal antibody raised against synthetic peptide of CD63. |
| Immunogen | A synthetic peptide corresponding to CD63. |
| Host | Rabbit |
| Reactivity | Human |
| Specificity | CD63 polyclonal antibody detects endogenous levels of CD63 protein. |
| Form | Liquid |
| Purification | Affinity purification |
| Concentration | 1 mg/mL |
| Recommend Usage | Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS, pH 7.2 (0.05% sodium azide) |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using CD63 polyclonal antibody (Cat # PAB25155).

Gene Info — CD63

Entrez GeneID [967](#)

Gene Name CD63

Gene Alias LAMP-3, ME491, MLA1, OMA81H, TSPAN30

Gene Description CD63 molecule

Omim ID [155740](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. 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. The use of alternate polyadenylation sites has been found for this gene. Alternative splicing results in multiple transcript variants encoding different proteins. [provided by RefSeq]

Other Designations

CD63 antigen|CD63 antigen (melanoma 1 antigen)|granulophysin|lysosome-associated membrane glycoprotein 3|melanoma 1 antigen|melanoma-associated antigen ME491|melanoma-associated antigen MLA1|ocular melanoma-associated antigen|tetraspanin-30

Publication Reference

- [Investigating the Electric Field Lysis of Exosomes Immobilized on the Screen-Printed Electrode and Electrochemical Sensing of the Lysed-Exosome-Derived Protein.](#)

Krishna Thej Pammi Guru, Nusrat Praween, Palash Kumar Basu.

Biosensors 2023 Feb; 13(3):323.

Application: WB, Human, Human serum

Pathway

- [Lysosome](#)