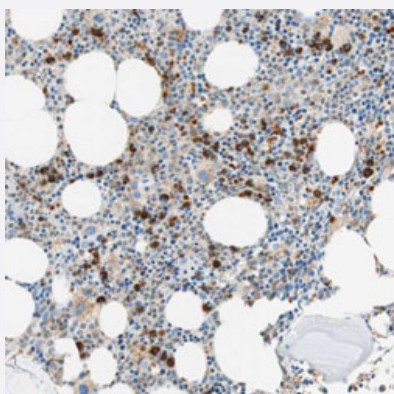


# CD63 polyclonal antibody

Catalog # PAB30430      Size 100 uL

## Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human bone marrow with CD63 polyclonal antibody (Cat # PAB30430) shows strong cytoplasmic positivity in subsets of bone marrow poietic cells at 1:200-1:500 dilution.

## Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human CD63.
Immunogen	Recombinant protein corresponding to human CD63.
Sequence	RDKVMSEFNNNFRQQMENYPKNNHTASILDRMQADFKCCGAANYTDWEKIPSMKSNRVPDSCCI NVTVGCGINFNEKAIHKEGCVEKIG
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% 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.

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## Gene Info — CD63

**Entrez GeneID**[967](#)**Protein Accession#**[P08962](#)**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

## Pathway

- [Lysosome](#)