



## Rabbit Anti-CD63 antibody

SL23032R

<b>Product Name:</b>	CD63
<b>Chinese Name:</b>	黑色素瘤相关抗原抗体
<b>Alias:</b>	Lysosomal associated membrane protein 3; CD63 antigen; CD63 antigen melanoma 1 antigen; CD63 molecule; granulophysin; LAMP 3; LAMP3; lysosome associated membrane glycoprotein 3; CD 63; CD63; CD63 antigen (melanoma 1 antigen); CD63_HUMAN; gp55; granulophysin; LAMP-3; LIMP; Lysosomal-associated membrane protein 3; Melanoma-associated antigen ME491; NGA; Ocular melanoma-associated antigen; PTLGP40; Tetraspanin-30; Tspan-30; Mast cell antigen AD1; ME491; melanoma 1 antigen; Melanoma associated antigen ME491; Melanoma associated antigen MLA1; MGC72893; MLA 1; MLA1; ocular melanoma associated antigen; OMA81H; Tetraspanin 30; Tspan 30; TSPAN30; Tumor biomarkers; Platelets markers.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Mouse,Rat,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	26kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from mouse CD63:101-180/238<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year

	when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>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.</p> <p><b>Function:</b> This antigen is associated with early stages of melanoma tumor progression. May play a role in growth regulation.</p> <p><b>Subcellular Location:</b> Cell membrane; Multi-pass membrane protein. Lysosome membrane; Multi-pass membrane protein. Late endosome membrane; Multi-pass membrane protein. Note=Also found in Weibel-Palade bodies of endothelial cells. Located in platelet dense granules.</p> <p><b>Tissue Specificity:</b> Dysplastic nevi, radial growth phase primary melanomas, hematopoietic cells, tissue macrophages.</p> <p><b>Similarity:</b> Belongs to the tetraspanin (TM4SF) family.</p> <p><b>SWISS:</b> P41731</p> <p><b>Gene ID:</b> 12512</p> <p><b>Database links:</b></p> <p><a href="#">Entrez Gene: 404156</a>Cow</p> <p><a href="#">Entrez Gene: 967</a>Human</p> <p><a href="#">Entrez Gene: 12512</a>Mouse</p> <p><a href="#">Entrez Gene: 100008988</a>Rabbit</p>

[Omim: 155740](#)Human

[SwissProt: Q9XSK2](#)Cow

[SwissProt: P08962](#)Human

[SwissProt: P41731](#)Mouse

[SwissProt: Q28709](#)Rabbit

[Unigene: 445570](#)Human

[Unigene: 371552](#)Mouse

[Unigene: 416079](#)Mouse

**Important Note:**

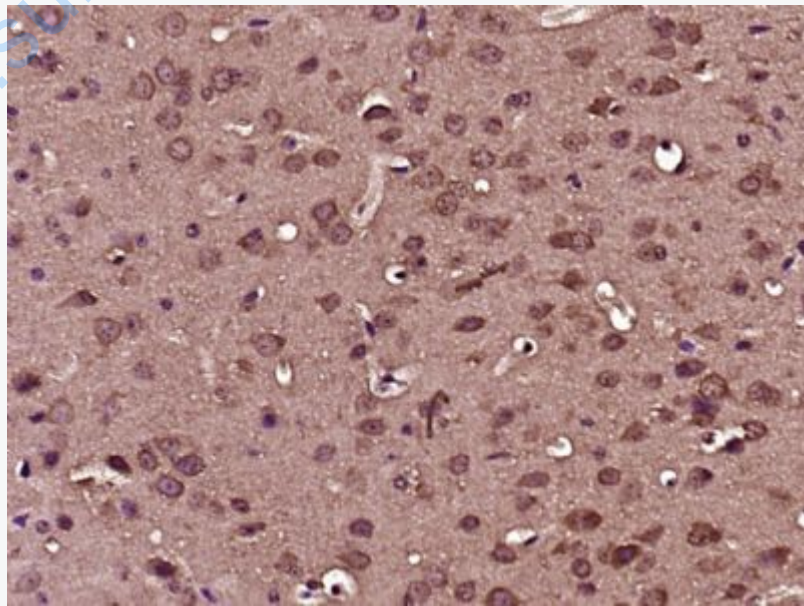
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

CD63为溶酶体膜glycoprotein也是一种细胞表面glycoprotein, 可表达在多种细胞的表面和胞浆内, 血小板活化后即转移至膜表面。

CD63—

又称黑色素瘤相关抗原MLA1和整合素形成复合物。是血液血小板活化的标志。与一些Tumour的进展也有关联。

**Picture:**



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by

boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD63) Polyclonal Antibody, Unconjugated (SL23032R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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