

Mouse Anti-CD63 antibody

SLM-43117M

Product Name CD63

Chinese Name 黑色素瘤相关抗原单克隆抗体

Alias 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 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.

Research Area Tumour Cardiovascular immunology Cell type markers

Immunogen Species Mouse

Clonality Monoclonal

React Species Human

Applications IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 26kDa

Detection molecular weight 30-50 kDa

Cellular localization cytoplasmic The cell membrane

Form Liquid

Concentration 1mg/ml

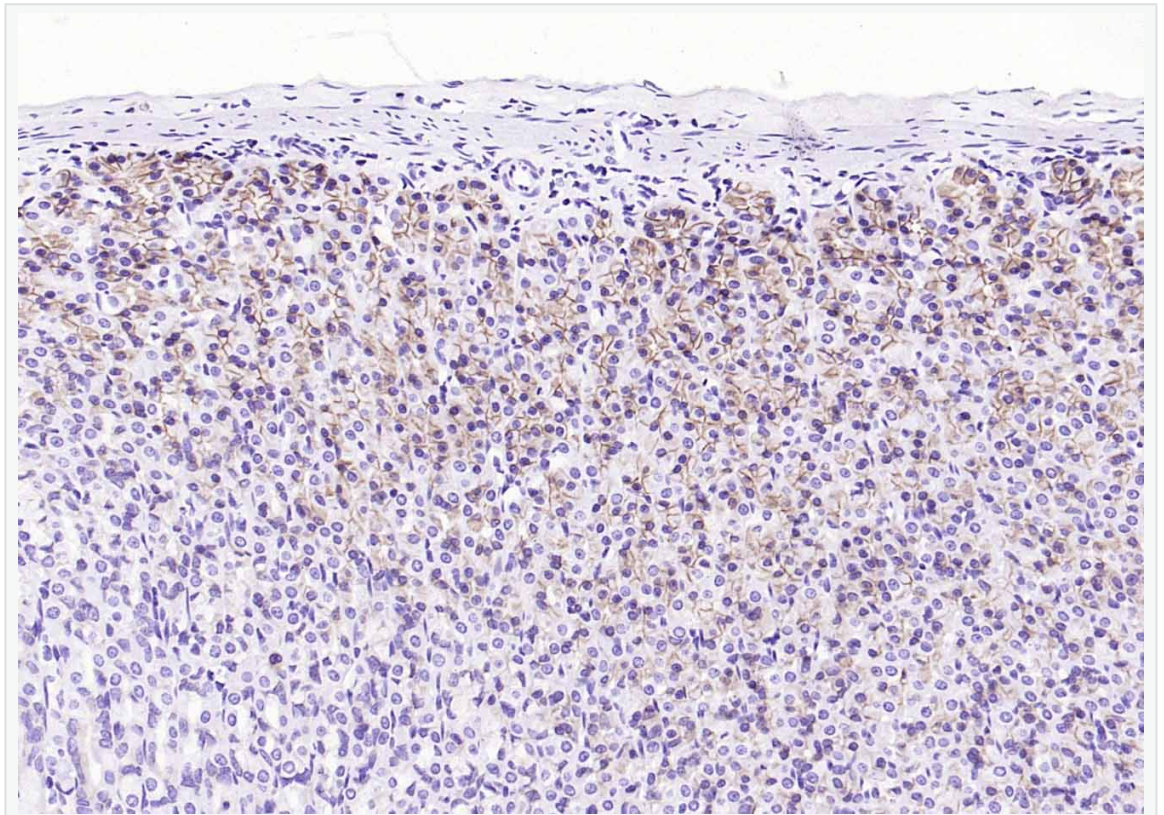
immunogen Recombinant human CD63 protein: 103-203/238

Lsotype IgG

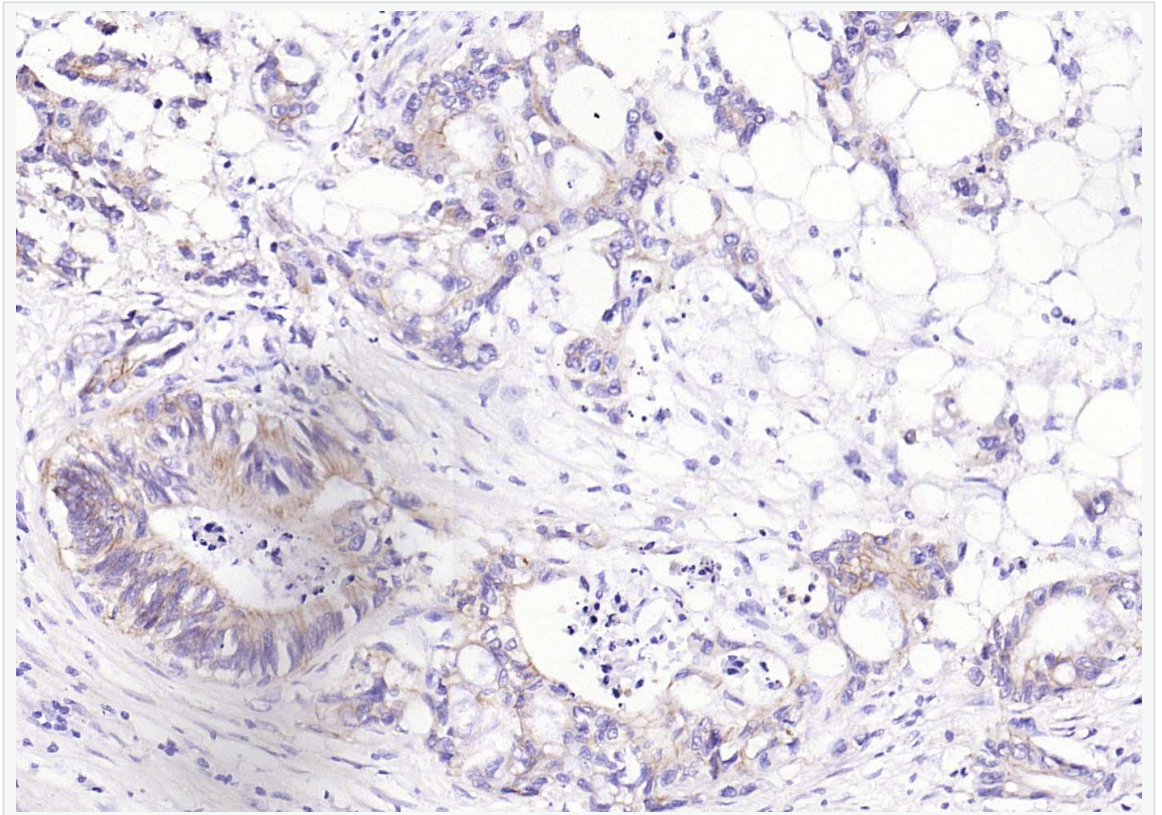


Purification	affinity purified by Protein A
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed The protein encoded by 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. The 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. Alternative splicing results in multiple transcript variants encoding different protein isoforms. [provided by RefSeq, Apr 2012]
Product Detail	SWISS: P08962 Gene ID: 967 Database links: Entrez Gene: 967 Human Omim: 155740 Human SwissProt: P08962 Human Unigene: 445570 Human

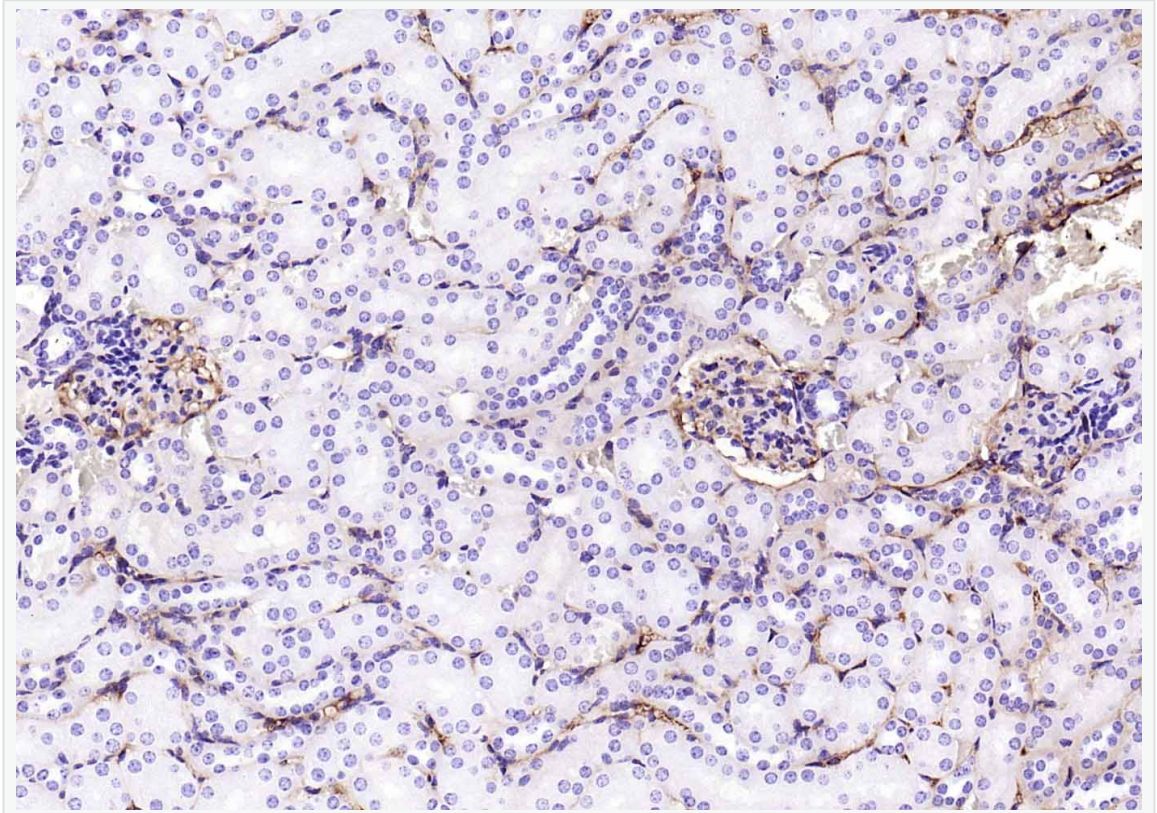
**Product
Picture**



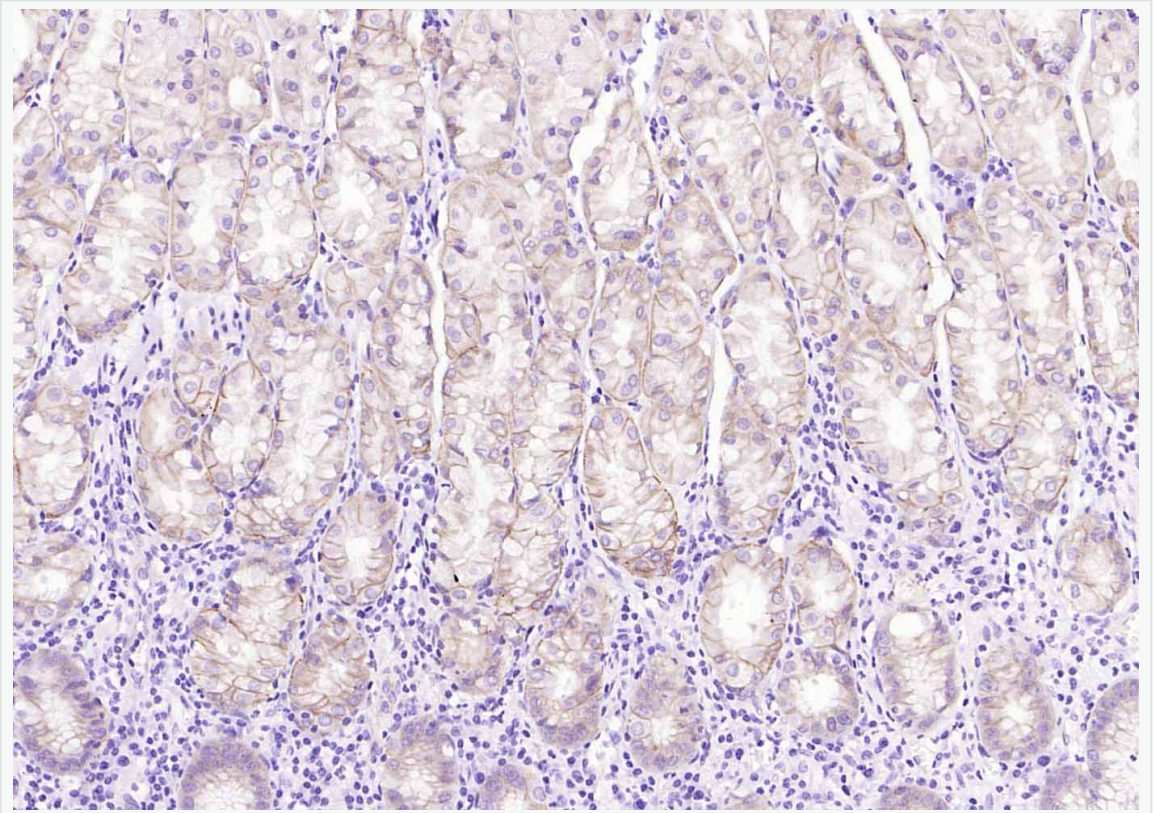
Paraformaldehyde-fixed, paraffin embedded (rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD63) Monoclonal Antibody, Unconjugated (SLM-43117M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



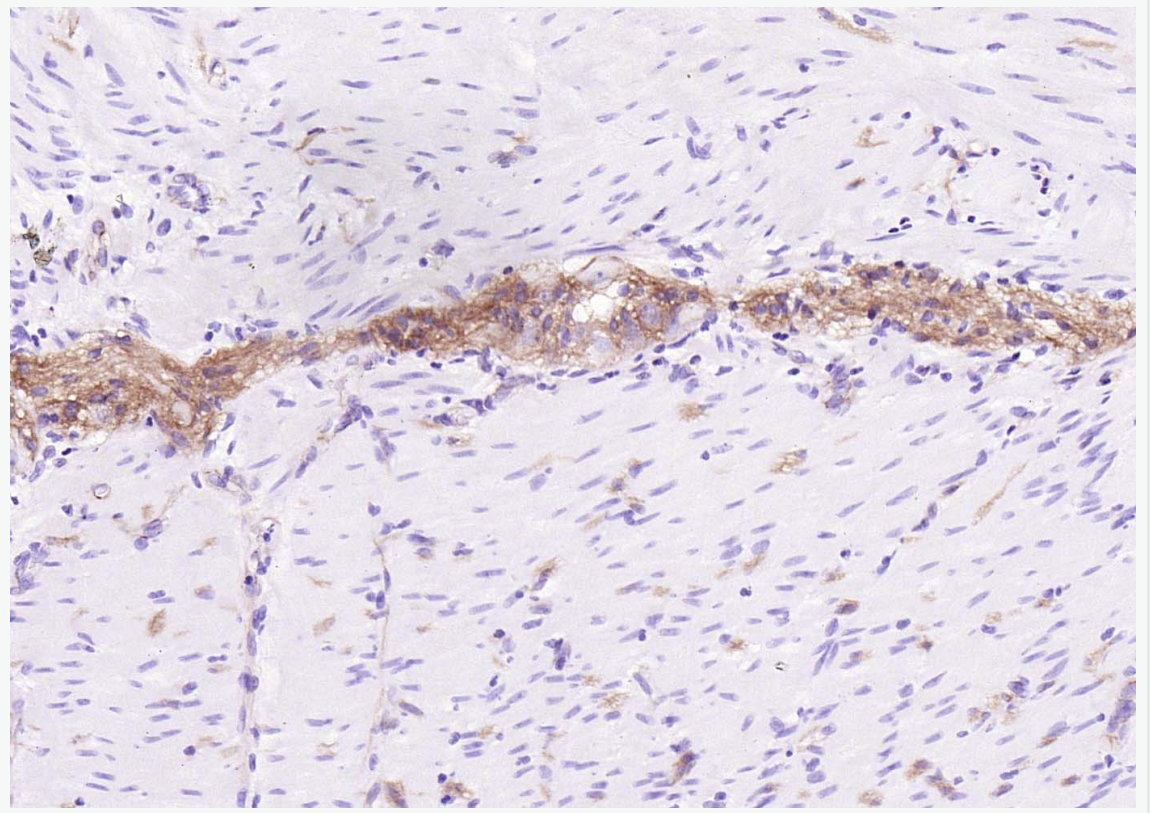
Paraformaldehyde-fixed, paraffin embedded (human rectal carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD63) Monoclonal Antibody, Unconjugated (SLM-43117M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse kidney); 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) Monoclonal Antibody, Unconjugated (SLM-43117M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human stomach); 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) Monoclonal Antibody, Unconjugated (SLM-43117M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); 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) Monoclonal Antibody, Unconjugated (SLM-43117M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.