

Product Datasheet

CD63 Antibody (SPM524) - IHC-Prediluted NBP2-44807

Unit Size: 7 ml

Store at 4C.

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NBP2-44807

CD63 Antibody (SPM524) - IHC-Prediluted

Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	SPM524
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

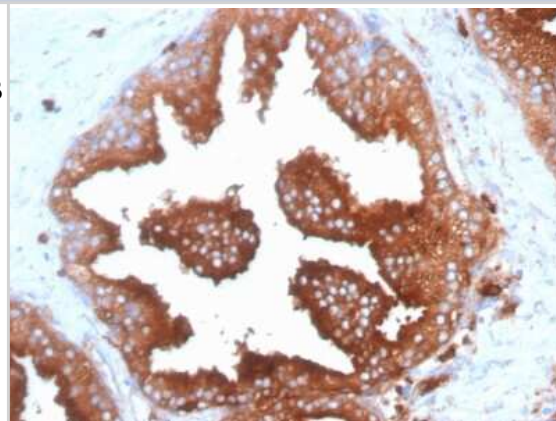
Product Description	
Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
Host	Mouse
Gene ID	967
Gene Symbol	CD63
Species	Human, Mouse
Reactivity Notes	This product is specific for Human.
Marker	Late Endosomes Marker
Specificity/Sensitivity	This monoclonal antibody recognizes protein of 26kDa-60kDa, which is identified as CD63. Its epitope is different from that of monoclonal antibody LAMP3/529. The tetraspanins are integral membrane proteins expressed on cell surface and granular membranes of hematopoietic cells and are components of multi-molecular complexes with specific integrins. The tetraspanin CD63 is a lysosomal membrane glycoprotein that translocates to the plasma membrane after platelet activation. CD63 is expressed on activated platelets, monocytes and macrophages, and is weakly expressed on granulocytes, T cell and B cells. It is located on the basophilic granule membranes and on the plasma membranes of lymphocytes and granulocytes. CD63 is a member of the TM4 superfamily of leukocyte glycoproteins that includes CD9, CD37 and CD53, which contain four transmembrane regions. CD63 may play a role in phagocytic and intracellular lysosome-phagosome fusion events. CD63 deficiency is associated with Hermansky-Pudlak syndrome and is strongly expressed during the early stages of melanoma progression.
Immunogen	Smooth plasma membrane fraction of MeWo cells

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

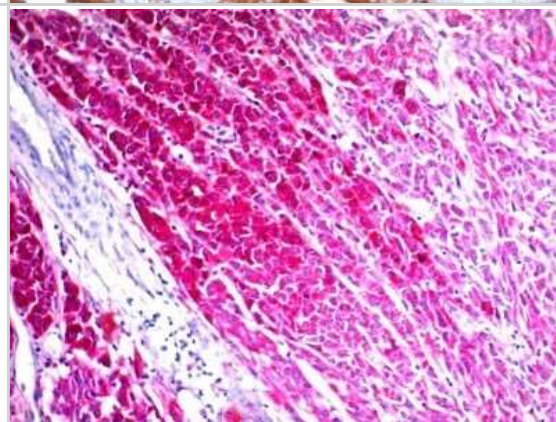


Images

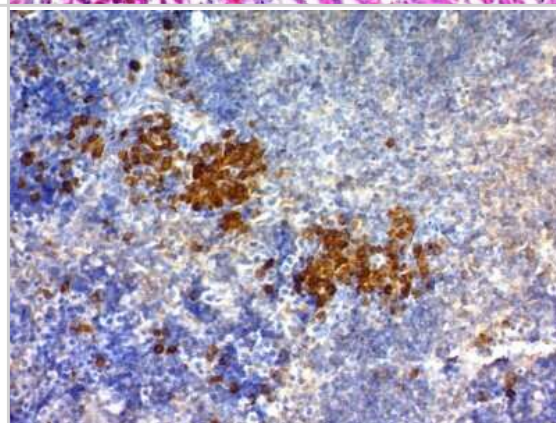
Immunohistochemistry-Paraffin: CD63 Antibody (SPM524) - IHC-Prediluted [NBP2-44807] - Formalin-fixed, paraffin-embedded human prostate stained with CD63 Mouse Monoclonal Antibody (SPM524) (DAB chromogen).



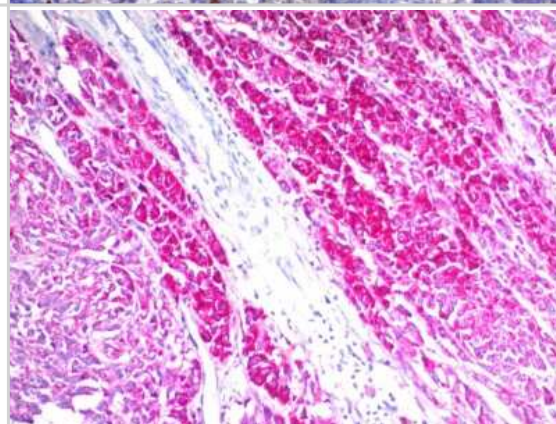
Immunohistochemistry-Paraffin: CD63 Antibody (SPM524) - IHC-Prediluted [NBP2-44807] - Formalin-fixed, paraffin-embedded human Melanoma stained with CD63 Antibody (SPM524) (AEC Chromogen)



Immunohistochemistry-Paraffin: CD63 Antibody (SPM524) - IHC-Prediluted [NBP2-44807] - Formalin-fixed, paraffin-embedded Mouse Spleen stained with CD63 Antibody (SPM524) (DAB Chromogen)



Immunohistochemistry-Paraffin: CD63 Antibody (SPM524) - IHC-Prediluted [NBP2-44807] - Formalin-fixed, paraffin-embedded human melanoma stained with CD63 Mouse Monoclonal Antibody (SPM524) (AEC chromogen).





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Products Related to NBP2-44807

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00000967-G01-2ug	Recombinant Human CD63 Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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