

Anti-CD63 Antibody [NKI/C3 + LAMP3/968] - BSA and Azide free (A253931)**Specifications:**

Name:	Anti-CD63 Antibody [NKI/C3 + LAMP3/968] - BSA and Azide free
Description:	Mouse monoclonal [NKI/C3 + LAMP3/968] antibody to CD63.
Specificity:	This antibody recognizes protein of 26kDa-60kDa, which is identified as CD63. 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.
Applications:	Flow Cytometry, IF, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Clone NKI/C3: Smooth plasma membrane fraction of MeWo cells. Clone LAMP3/968: Recombinant full-length human CD63 protein.
Host:	Mouse
Clonality:	Oligoclonal
Clone ID:	NKI/C3 + LAMP3/968
Isotype:	IgG1, kappa + IgG1, kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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Specifications continued:

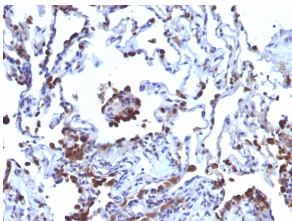
General Notes:

Please note, this product is an oligoclonal antibody; it is a cocktail of monoclonal antibodies that have been carefully selected. Oligoclonal antibodies not only have the specificity and batch-to-batch consistency of a monoclonal antibody, but they also have the advantage of the sensitivity of a polyclonal antibody due to their ability to recognize multiple epitopes on an antigen. This oligoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-CD63 Antibody [NKI/C3 + LAMP3/968] (A250751).

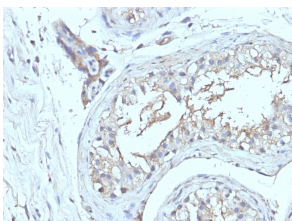
Disclaimer:

This product is for research use only. It is not intended for diagnostic or therapeutic use.

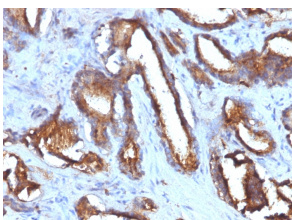
Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human melanoma metastasized to lung using Anti-CD63 Antibody [NKI/C3 + LAMP3/968].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human testicular cancer using Anti-CD63 Antibody [NKI/C3 + LAMP3/968].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human prostate carcinoma using Anti-CD63 Antibody [NKI/C3 + LAMP3/968].