

Product Datasheet

CD63 Antibody (LAMP3/2788)

NBP2-78812-100ug

Unit Size: 100 ug

Store at 4C.

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NBP2-78812-100ug

CD63 Antibody (LAMP3/2788)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	LAMP3/2788
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-78813) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Gene ID	967
Gene Symbol	CD63
Species	Human, Mouse
Reactivity Notes	Human and Mouse. Others not known.
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	Recombinant human CD63 protein fragment (around aa100-197) (exact sequence is proprietary) (Uniprot: P08962)

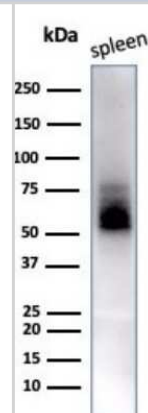
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunohistochemistry 1-2 ug/ml , Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array

Application Notes

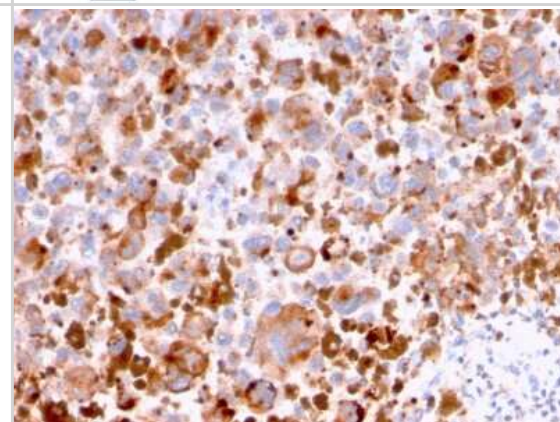
Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

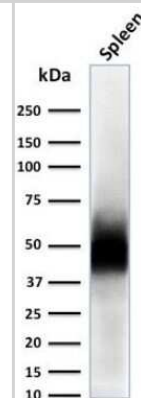
Western Blot: CD63 Antibody (LAMP3/2788) [NBP2-78812] - Western Blot Analysis of Spleen tissue lysate using CD63 antibody (LAMP3/2788).



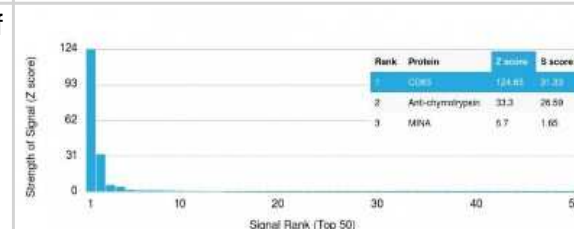
Immunohistochemistry-Paraffin: CD63 Antibody (LAMP3/2788) [NBP2-78812] - Formalin-fixed, paraffin-embedded human Melanoma stained with CD63 Mouse Monoclonal Antibody (LAMP3/2788).



Western Blot: CD63 Antibody (LAMP3/2788) [NBP2-78812] - Western Blot Analysis of Spleen tissue lysate using CD63 Mouse Monoclonal Antibody (LAMP3/2788).



Protein Array: CD63 Antibody (LAMP3/2788) [NBP2-78812] - Analysis of Protein Array containing more than 19,000 full-length human proteins using CD63 Mouse Monoclonal Antibody (LAMP3/2788).





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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
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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