CD63 (Late Endosomes Marker) Antibody

Mouse Monoclonal Antibody [Clone LAMP3/7369]

Catalog No	Format	Size
967-MSM19-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
967-MSM19-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
967-MSM19-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

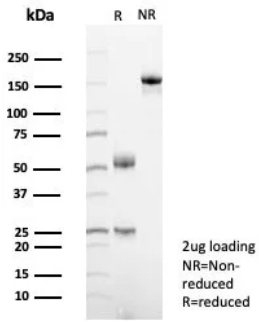
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

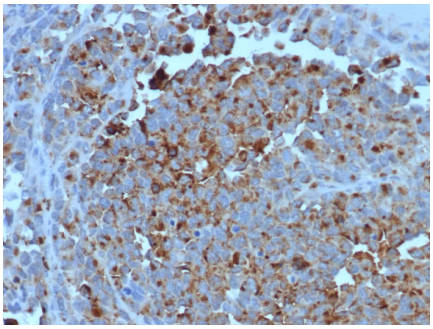
Clone	LAMP3/7369
Gene Name	CD63
Immunogen	Recombinant fragment (around aa100-200) of human CD63 protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2 / Kappa
Mol. Weight of Antigen	26kDa (core protein); 30-60kDa (glycosylated)
Cellular Localization	Cell Surface. Cytoplasm.
Species Reactivity	Human
Positive Control	HL60|melanoma or lymphoma.|THP-1 or NIH/3T3 cells. Human spleen

**Optimal dilution for a specific application should be determined.*

Product Images for CD63 (Late Endosomes Marker) Antibody



SDS-PAGE Analysis of Purified CD63 Mouse Monoclonal Antibody (LAMP3/7369). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human melanoma stained with CD63 Mouse Monoclonal Antibody (LAMP3/7369). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.

Specificity & Comments

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.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C.Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Immunology

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.