

Mouse anti-Human CD63 Monoclonal Antibody | anti-CD63 antibody

CD63

CATALOG # AAA59248	HOST Mouse	REACTIVITY Human
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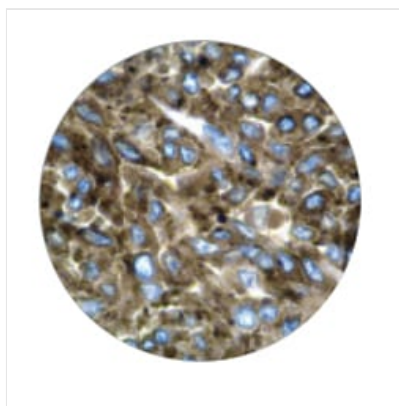
PRODUCT SYNONYMS

CD63; Monoclonal Antibody; anti-CD63 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1/K
Clone Number	NKI/C3
Form/Format	CD63 is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Control	Malignant Melanoma
Localization	Cytoplasmic, Membranous
Reactivity Note	Paraffin, Frozen
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohistochemistry)

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:100-1:500	0.1 ml
Concentrated	1:100-1:500	0.5 ml
Concentrated	1:100-1:500	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-CD63 antibody	The protein encoded by CD63 gene is a member of the transmembrane-4 superfamily, also known as the tetraspanin family, and mediates signal-transduction events that play a role in the regulation of cell development, activation, growth and motility. This 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. This gene has been associated with tumor progression. CD63 is a good marker for flow-cytometric quantification of in vitro-activated basophils for identification of IgE-mediated allergy. The test is commonly designated as a basophil activation test. Anti-CD63 reacts with a 53 kDa protein. The antigen was originally designated as a lysosomal membrane protein characterized as an activation-dependent platelet surface antigen. In fact, the CD63 antigen has a diverse distribution on the surface and in the cytoplasm of many cell types including lymphoid, myeloid and endothelial cells and Melanoma. It is weakly expressed in granulocytes, B and T-cells. It has been quite useful in identifying Malignant Melanoma. CD63 is thought to be associated with the early stages of Melanoma tumor progression (in regulation of motility and adhesion of Melanoma cells).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	91199546
NCBI GeneID	967
NCBI Accession #	NP_001035123.1
NCBI GenBank Nucleotide #	NM_001040034.1
UniProt Accession #	P08962; Q5TZP3; Q9UCG6; Q8N6Z9
Molecular Weight	25,637 Da
NCBI Official Full Name	CD63 antigen isoform B
NCBI Official Synonym Full Names	CD63 molecule
NCBI Official Symbol	CD63
NCBI Official Synonym Symbols	MLA1; ME491; LAMP-3; OMA81H; TSPAN30
NCBI Protein Information	CD63 antigen; tspan-30; granulophysin; tetraspanin-30; melanoma 1 antigen; melanoma-associated antigen MLA1; CD63 antigen (melanoma 1 antigen); melanoma-associated antigen ME491; ocular melanoma-associated antigen; lysosomal-associated membrane protein 3; lysosome-associated membrane glycoprotein 3
UniProt Protein Name	CD63 antigen
UniProt Gene Name	CD63
UniProt Synonym Gene Names	MLA1; TSPAN30
UniProt Entry Name	CD63_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.