

## Product datasheet for **TA327649**

### CD63 Mouse Monoclonal Antibody [Clone ID: NKI/C3]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	NKI/C3
Applications:	IHC
Recommended Dilution:	IHC: 1:100 - 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Formulation:	This antibody is supplied as cell culture supernatant diluted in tris buffered saline, pH 7.3-7.7, with 1% BSA and <0.1% sodium azide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	CD63 molecule
Database Link:	<a href="#">NP_001244318</a> <a href="#">Entrez Gene 967 Human</a> <a href="#">P08962</a>
Synonyms:	LAMP-3; ME491; MLA1; OMA81H; TSPAN30
Note:	This antibody reacts with a 53 kDa protein which forms a part of the family of tetraspan moieties. 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, endothelial cells, and melanoma. It has been quite useful in identifying malignant melanoma. It has also been reported as useful in differentiating renal oncocytoma (apical and/or polar staining pattern) from eosinophilic renal cell carcinoma (diffuse cytoplasmic staining pattern). CD63 is well expressed in tissue mast cells in the lung, skin, and bone marrow. It can be overexpressed on the surface of neoplastic mast cells in aggressive systemic mastocytosis although it is less expressed in indolent systemic mastocytosis.

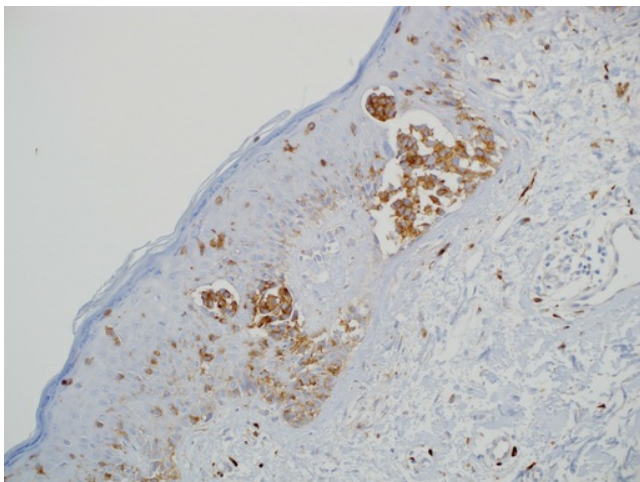


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Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Lysosome

**Product images:**



Immunohistochemistry staining of Paraffin Melanoma tissue by CD63 antibody (dilution: 1:100 - 1:500; visualization of staining: Cytoplasmic, membranous)