

Product datasheet for TA386374

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

CD63 Mouse Monoclonal Antibody [Clone ID: NK-1-C3]

Product data:

Product Type: Primary Antibodies

Clone Name: NK-1-C3

Applications: FC, IF, IHC, IP, WB **Reactivity:** Human, Mouse

Host: Mouse

Isotype: IgG1, kappa
Clonality: Monoclonal

Immunogen: This antibody was raised by immunizing BALB/c mice with a plasma membrane preparation

of the human melanoma MeWo cells.

Specificity: This antibody recognizes CD63. The tetraspanin CD63 is a lysosomal membrane glycoprotein

that translocates to the plasma membrane after platelet activation and plays a role in the

activation of cellular signaling cascades.

The antibody NK-1-C3 has been widely used for the detection and analysis of CD63 via various methods. For instance, it was utilized as a marker of late endosomes and exosomes and the expression of CD63 was analysed via flow cytometry (Wang et al., 2019). Furthermore, NK-1-C3 (NK1/C3) proved successfull in labelling CD63 in multiple tissues, for example, when localizing CD63 in murine retinal pigment epithelium (RPE)/choroid tissue (Wang et al., 2009). Similarly, this antibody was used to detect CD63 on melanoma cells via immunofluorescence

staining (Khazen et al., 2016).

Formulation: PBS with 0.02% Proclin 300.

Concentration: lot specific

Conjugation: Unconjugated

Storage: Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid

freeze and thaw cycles.

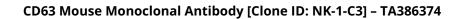
Stability: 3 years from dispatch.

Gene Name: CD63 molecule

Database Link: Entrez Gene 967 Human

P08962







Synonyms:

granulophysin; LAMP-3; ME491; MLA1; OMA81H; tetraspanin-30; Tspan-30; TSPAN30