# CD63 Antibody – Mouse Monoclonal

## PRODUCT OVERVIEW

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| **Product Name** | CD63, Monoclonal Antibody |
| **Full Product Name** | CD63 (gp55, granulophysin, Lysosomal-associated membrane protein 3 (LAMP-3), Mast cell antigen AD1, melanoma 1 antigen, Melanoma-associated antigen MLA1, Melanoma-associated antigen ME491, MLA1, NGA, Ocular melanoma-associated antigen, OMA81H, PTLGP40, Te |
| **Product Gene Name** | anti-CD63 antibody |
| **Product Synonym Names** | gp55; granulophysin; Lysosomal-associated membrane protein 3 (LAMP-3); Mast cell antigen AD1; melanoma 1 antigen; Melanoma-associated antigen MLA1; Melanoma-associated antigen ME491; MLA1; NGA; Ocular melanoma-associated antigen; OMA81H; PTLGP40; Tetraspanin-30; TSPAN30 |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1,k |
| **Clone Number** | NKI/C3 |
| **Host** | Mouse |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405. |
| **Purity/Purification** | Purified by Protein A/G Affinity Chromatography. |
| **Specificity** | Recognizes CD63. Species Crossreactivity: human and mouse. Others not known. |
| **Preparation and Storage** | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Immunogen** | Smooth plasma membrane fraction of MeWo cells. Cellular Localization: Cytoplasmic |
| **Conjugate** | MaxLight405 |
| **Positive Control** | SK-MEL-28, HL60, THP-1 or NIH/3T3 cells. Melanoma or lymphoma. |
| **Product Categories/Family for anti-CD63 antibody** | Antibodies; CD Markers |
| **Applications Tested/Suitable for anti-CD63 antibody** | Flow Cytometry (FC/FACS), FLISA, Immunohistochemistry (IHC) Frozen/Paraffin, Western Blot (WB), Immunofluorescence (IF), Immunoprecipitation (IP) |
| **Application Notes for anti-CD63 antibody** | FC/FACS: 0.5-1ug/million cells<br>IHC-F/P: 0.5-1ug/ml for 30 minutes at RT<br>IP: 0.5-1ug/500ug protein lysate<br>IF: 0.5-1ug/ml<br>WB: 0.5-1ug/ml<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-CD63 antibody** | MBS6193733 is an antibody targeting CD63. Also known as CD63 (gp55, granulophysin, Lysosomal-associated membrane protein 3 (LAMP-3), Mast cell antigen AD1, melanoma 1 antigen, Melanoma-associated antigen MLA1, Melanoma-associated antigen ME491, MLA1, NGA, Ocular melanoma-associated antigen, OMA81H, PTLGP40, Te. Reactive in Human. Host: Mouse. |
| **Product References and Citations for anti-CD63 antibody** | 1. C. Vennegoor et al., Int. J. Cancer 35: 287-295, 1985. 2. AA Palmer et al., Pathology 17: 335-339, 1985. 3. EC Hagen et al., Histopathology 10: 689-700, 1986. |

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| **Other Notes** | Small volumes of anti-CD63 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD63. It may not necessarily be applicable to this product.

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| **NCBI GeneID** | 967 |
| **Protein Family** | CD63 antigen |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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