

## Product datasheet

# Anti-CD63 antibody [NK1/C3] - BSA and Azide free ab213090

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### Overview

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<b>Product name</b>	Anti-CD63 antibody [NK1/C3] - BSA and Azide free
<b>Description</b>	Mouse monoclonal [NK1/C3] to CD63 - BSA and Azide free
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF, Flow Cyt, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Tissue, cells or virus. Smooth plasma membrane fraction of MeWo cells Database link: <a href="#">P08962</a>
<b>Positive control</b>	Flow Cytometry: MCF7 cells. IHC-P: Mouse spleen tissue. Human melanoma tissue. WB: HepG2 cell lysate

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Constituent: PBS
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	NK1/C3
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab213090** in the following tested applications.

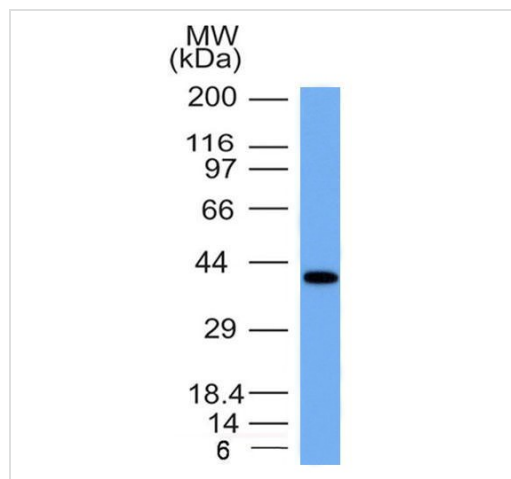
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 1 µg/ml.
ICC/IF	★☆☆☆☆	Use a concentration of 0.5 - 1 µg/ml.
Flow Cyt		Use 0.5-1µg for 10 <sup>6</sup> cells.
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

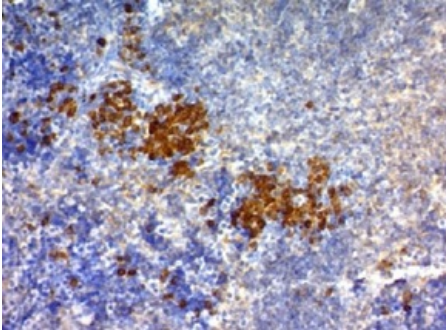
<b>Function</b>	This antigen is associated with early stages of melanoma tumor progression. May play a role in growth regulation.
<b>Tissue specificity</b>	Dysplastic nevi, radial growth phase primary melanomas, hematopoietic cells, tissue macrophages.
<b>Sequence similarities</b>	Belongs to the tetraspanin (TM4SF) family.
<b>Cellular localization</b>	Cell membrane. Lysosome membrane. Late endosome membrane. Also found in Weibel-Palade bodies of endothelial cells. Located in platelet dense granules.

## Images



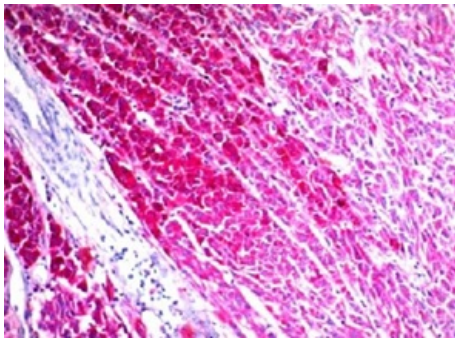
Anti-CD63 antibody [NKI/C3] - BSA and Azide free (ab213090) at 1 µg/ml + HepG2 (Human liver hepatocellular carcinoma cell line) cell lysate

Western blot - Anti-CD63 antibody [NKI/C3] - BSA and Azide free (ab213090)



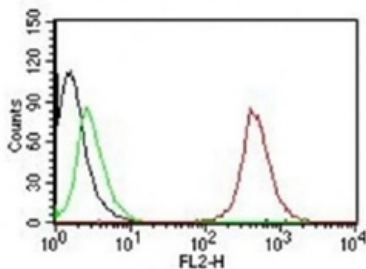
Immunohistochemical analysis of paraffin embedded, formalin fixed mouse spleen tissue labeling CD63 with ab213090 at 1 µg/mL dilution. DAB detection.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD63 antibody [NK1/C3] - BSA and Azide free (ab213090)



Immunohistochemical analysis of paraffin embedded, formalin fixed human melanoma tissue labeling CD63 with ab213090 at 1 µg/mL dilution. EAC chromogen labeling.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD63 antibody [NK1/C3] - BSA and Azide free (ab213090)



Flow cytometry analysis of MCF7 (Human breast adenocarcinoma cell line) cells labeling CD63 using PE conjugated ab213090 (Red). Isotype control in Green; cells alone in black.

Flow Cytometry - Anti-CD63 antibody [NK1/C3] - BSA and Azide free (ab213090)

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