

Product datasheet

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

★☆☆☆☆ [1 Abreviews](#) [19 References](#) [4 Images](#)

Overview

Product name	Anti-CD63 antibody [NK1/C3] - BSA and Azide free
Description	Mouse monoclonal [NK1/C3] to CD63 - BSA and Azide free
Host species	Mouse
Tested applications	Suitable for: WB, Flow Cyt, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Tissue, cells or virus. Smooth plasma membrane fraction of MeWo cells Database link: P08962
Positive control	Flow Cytometry: MCF7 cells. IHC-P: Mouse spleen tissue. Human melanoma tissue. WB: HepG2 cell lysate
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein G purified
Clonality	Monoclonal
Clone number	NK1/C3
Isotype	IgG1

Light chain type

kappa

Applications

The Abpromise guarantee

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.
Flow Cyt		Use 0.5-1µg for 10 ⁶ 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

Function

This antigen is associated with early stages of melanoma tumor progression. May play a role in growth regulation.

Tissue specificity

Dysplastic nevi, radial growth phase primary melanomas, hematopoietic cells, tissue macrophages.

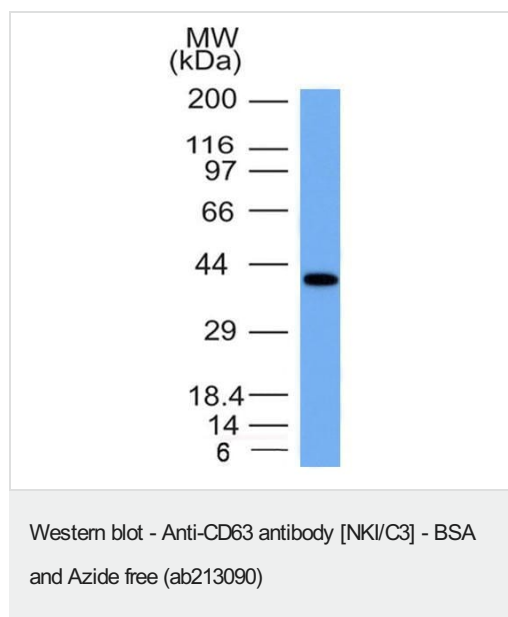
Sequence similarities

Belongs to the tetraspanin (TM4SF) family.

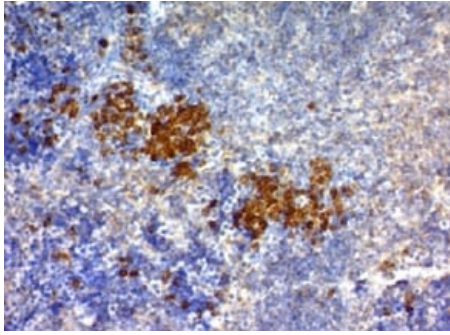
Cellular localization

Cell membrane. Lysosome membrane. Late endosome membrane. Also found in Weibel-Palade bodies of endothelial cells. Located in platelet dense granules.

Images

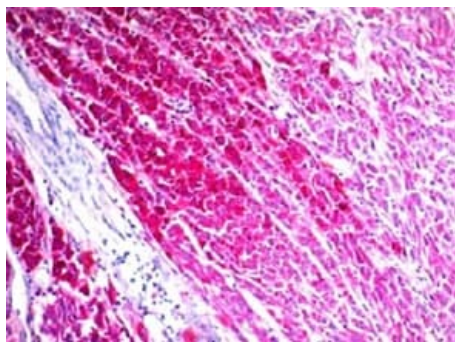


Anti-CD63 antibody [NK1/C3] - BSA and Azide free (ab213090) at 1 µg/ml + HepG2 (Human liver hepatocellular carcinoma cell line) cell lysate



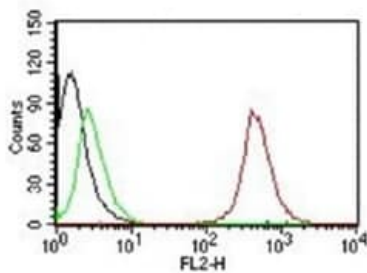
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD63 antibody [NK1/C3] - BSA and Azide free (ab213090)

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.



Flow Cytometry - 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.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors