

Anti-CD63 antibody [MEM-259] ab8219

★★★★★ [8 Abreviews](#) [94 References](#) [7 Images](#)

Overview

Product name	Anti-CD63 antibody [MEM-259]
Description	Mouse monoclonal [MEM-259] to CD63
Host species	Mouse
Tested applications	Suitable for: Flow Cyt, ICC, IHC-P Unsuitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD63. HPB-ALL T cell line
Positive control	IHC: Human spleen sections; ICC: Human HeLa cells, primary fibroblasts and skin fibroblasts tissues; Flow cyt: Human blood samples.
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 or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	MEM-259
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab8219 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
Flow Cyt	★★★★★ (2)	Use a concentration of 2 µg/ml. Use at an assay dependant concentration. For detection of activated platelets, neutrophils and basophils. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ICC	★★★★★ (1)	Use at an assay dependent concentration.
IHC-P	★★★★★ (1)	Use a concentration of 10 µg/ml.

Application notes

Is unsuitable for WB.

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.

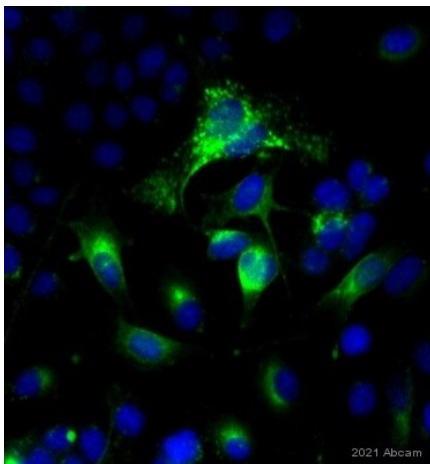
Sequence similarities

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.

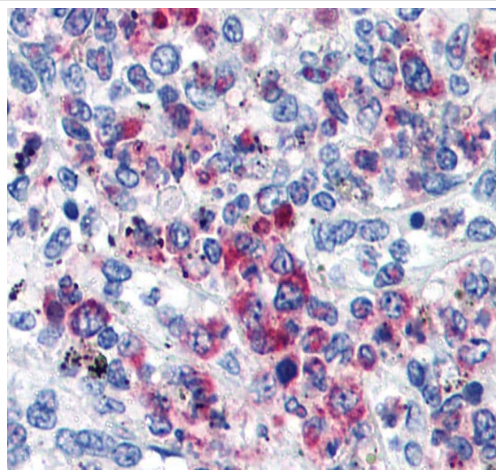
Images



Immunocytochemistry analysis of acetone-fixed human melanoma cells staining with ab8219 at 1/500 dilution. Secondary antibody was FITC Anti mouse IgG at 1/200 dilution. Samples were incubated with the primary antibody PBS plus BSA for 1 hour. Blocking was done using 4% serum for 1 hour at room temperature.

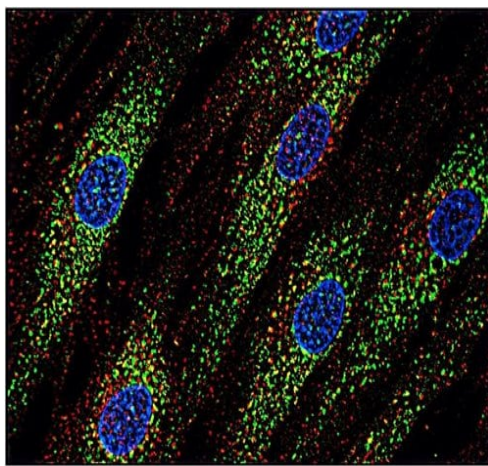
Immunocytochemistry - Anti-CD63 antibody [MEM-259] (ab8219)

This image is courtesy of an anonymous Abreview



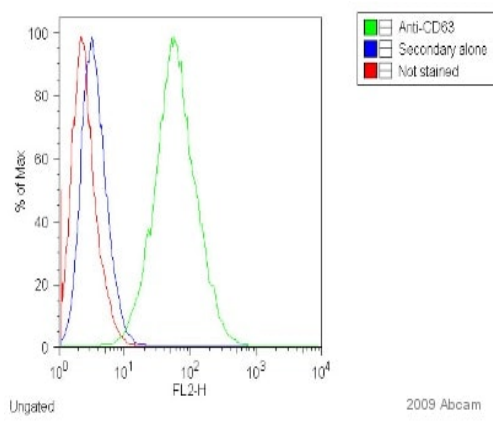
Immunohistochemistry staining of human spleen (paraffin sections) using ab8219.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD63 antibody [MEM-259] (ab8219)



Immunocytochemistry staining of human skin fibroblasts with ab8219 (green) after co-incubation of living cells with human Transferrin - Dyomics 547 (red); cell nuclei stained with DAPI (blue).

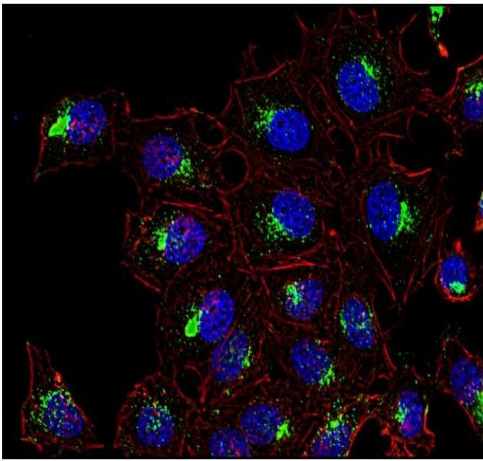
Immunocytochemistry - Anti-CD63 antibody [MEM-259] (ab8219)



Flow Cytometry - Anti-CD63 antibody [MEM-259] (ab8219)

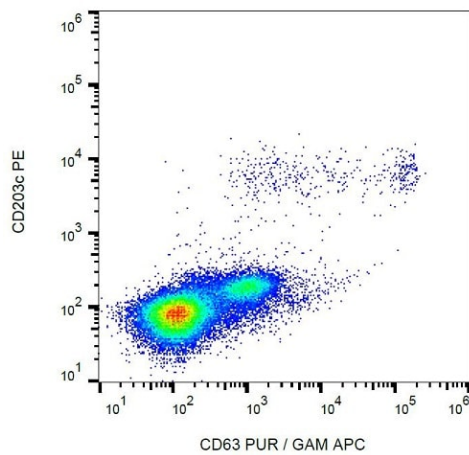
This image is courtesy of an anonymous Abreview

ab8219 staining CD63 in human Fibrosarcoma HT1080 cell line by flow cytometry. Cells were incubated with primary antibody for 1 hour. **ab7003**, a donkey polyclonal to mouse Ig, was used as the secondary antibody.



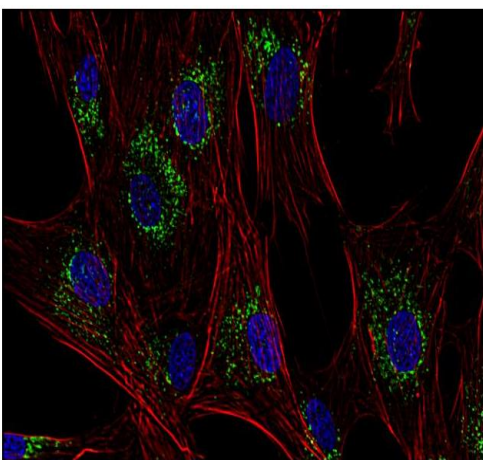
Immunocytochemistry staining of CD63 in human HeLa cell line using ab8219 (green). Actin cytoskeleton was decorated by phalloidin (red) and cell nuclei stained with DAPI (blue).

Immunocytochemistry - Anti-CD63 antibody [MEM-259] (ab8219)



Flow cytometry analysis staining CD63 in IgE- activated peripheral blood using ab8219 (2µg/ml).

Flow Cytometry - Anti-CD63 antibody [MEM-259] (ab8219)



Immunocytochemistry staining of CD63 in human primary fibroblasts using ab8219 (green). Actin cytoskeleton was decorated by phalloidin (red) and cell nuclei stained with DAPI (blue).

Immunocytochemistry - Anti-CD63 antibody [MEM-259] (ab8219)

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