

Product datasheet

Anti-CD63 antibody ab231975

[5 References](#) [8 Images](#)

Overview

Product name	Anti-CD63 antibody
Description	Rabbit polyclonal to CD63
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human, Pig
Immunogen	Recombinant fragment corresponding to Human CD63 aa 100-250. N-terminal His and GST tags, Expressed in E.coli. Database link: P08962 Run BLAST with Run BLAST with
Positive control	WB: Recombinant human CD63 protein; Human serum; Pig liver lysate; A-375 cell lysate. IHC-P: Human colon cancer, stomach, prostate adenoma, skin cancer, breast cancer and liver tissue.
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: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
Purity	Immunogen affinity purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

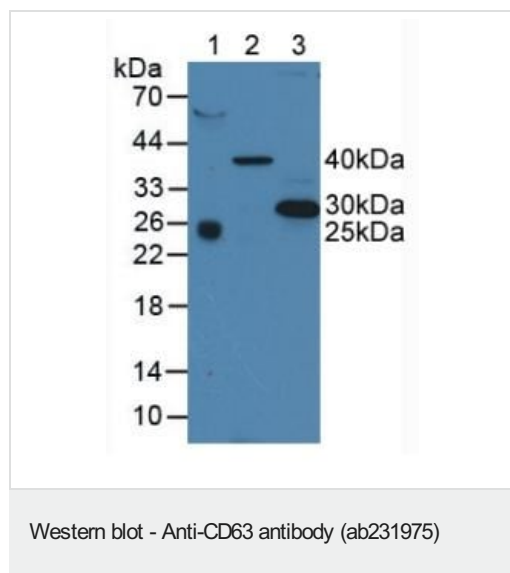
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab231975 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 26 kDa.

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



All lanes : Anti-CD63 antibody (ab231975) at 2 µg/ml

Lane 1 : Human serum

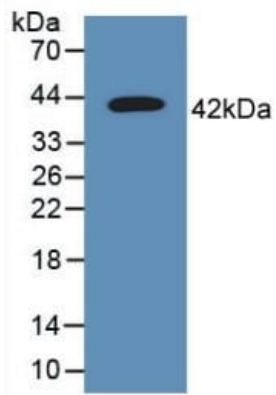
Lane 2 : Pig liver lysate

Lane 3 : A375 (human malignant melanoma cell line) cell lysate

Secondary

All lanes : HRP-Linked Guinea pig anti-Rabbit at 1/2000 dilution

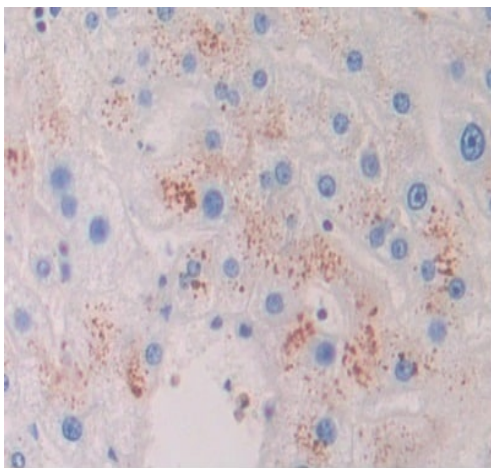
Predicted band size: 26 kDa



Western blot - Anti-CD63 antibody (ab231975)

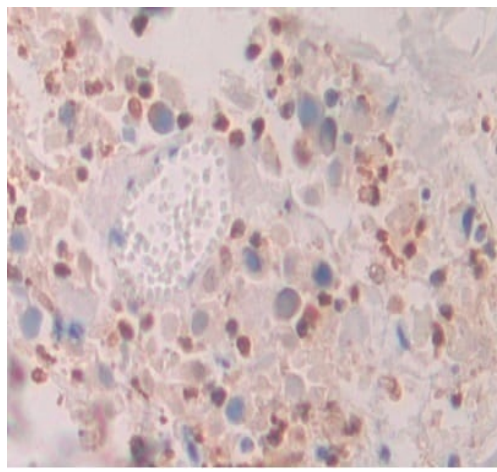
Anti-CD63 antibody (ab231975) at 2 $\mu\text{g/ml}$ + Recombinant human CD63 protein

Predicted band size: 26 kDa



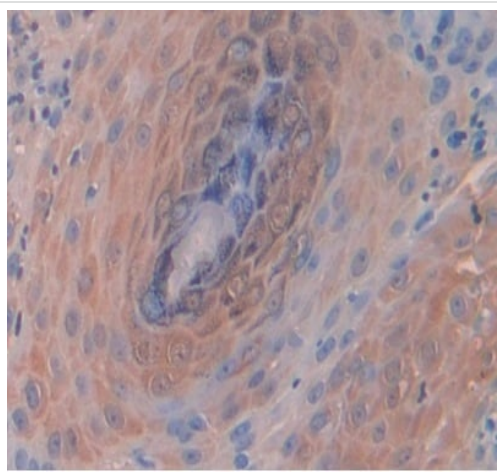
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD63 antibody (ab231975)

Formalin-fixed, paraffin-embedded human liver tissue stained for CD63 using ab231975 at 20 $\mu\text{g/ml}$ in immunohistochemical analysis. DAB staining.



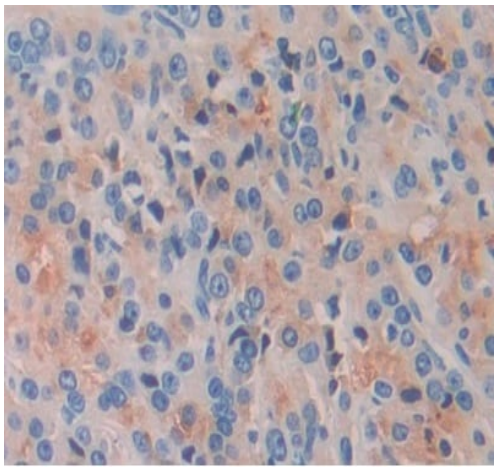
Formalin-fixed, paraffin-embedded human breast cancer tissue stained for CD63 using ab231975 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD63 antibody (ab231975)



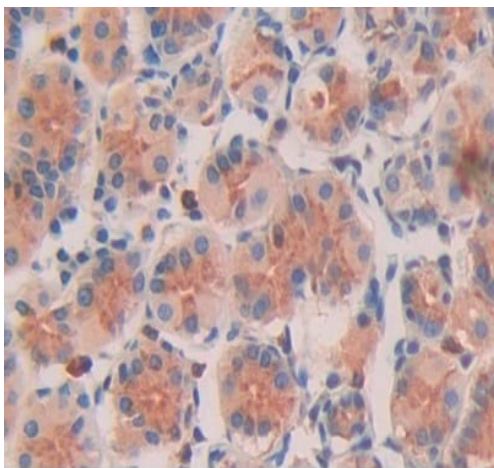
Formalin-fixed, paraffin-embedded human skin cancer tissue stained for CD63 using ab231975 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD63 antibody (ab231975)



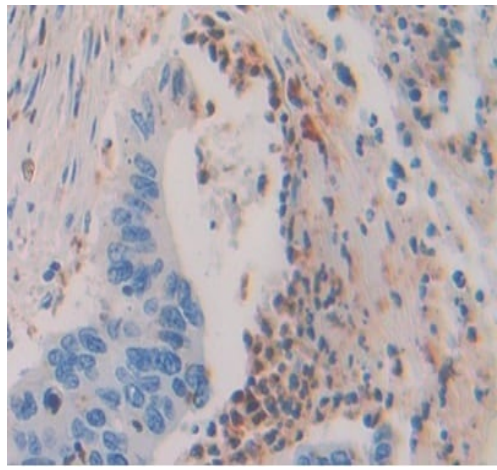
Formalin-fixed, paraffin-embedded human prostate adenoma tissue stained for CD63 using ab231975 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD63 antibody (ab231975)



Formalin-fixed, paraffin-embedded human stomach tissue stained for CD63 using ab231975 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD63 antibody (ab231975)



Formalin-fixed, paraffin-embedded human colorectal cancer tissue stained for CD63 using ab231975 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD63 antibody (ab231975)

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