

Product datasheet

Anti-PMP70 antibody [CL2524] ab211533

[7 References](#) [11 Images](#)

Overview

Product name	Anti-PMP70 antibody [CL2524]
Description	Mouse monoclonal [CL2524] to PMP70
Host species	Mouse
Tested applications	Suitable for: ICC/IF, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment (proprietary-tag) corresponding to Human PMP70 aa 400-500. Database link: P28288 Run BLAST with Run BLAST with
Epitope	ab211533 binds to an epitope located within the peptide sequence GVQVIPLIPGAGEII (aa 420-434) as determined by overlapping synthetic peptides.
Positive control	Human rectum, prostate, liver, kidney, fallopian tube and small intestine tissues; HeLa, A431, MCF7, U2OS and U251 cells.
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: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol, 59% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	CL2524

Isotype

IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab211533 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
ICC/IF		Use a concentration of 2 - 10 µg/ml.
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

Probable transporter. The nucleotide-binding fold acts as an ATP-binding subunit with ATPase activity.

Sequence similarities

Belongs to the ABC transporter superfamily. ABCD family. Peroxisomal fatty acyl CoA transporter (TC 3.A.1.203) subfamily.

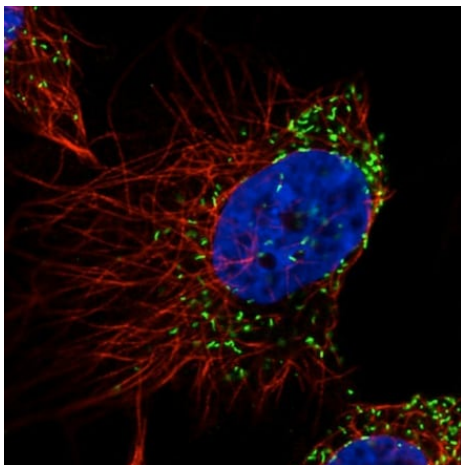
Contains 1 ABC transmembrane type-1 domain.

Contains 1 ABC transporter domain.

Cellular localization

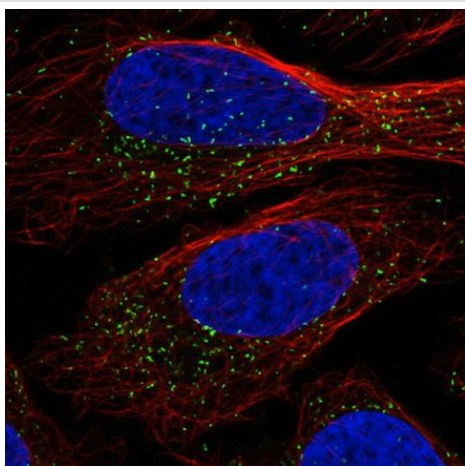
Peroxisome membrane.

Images



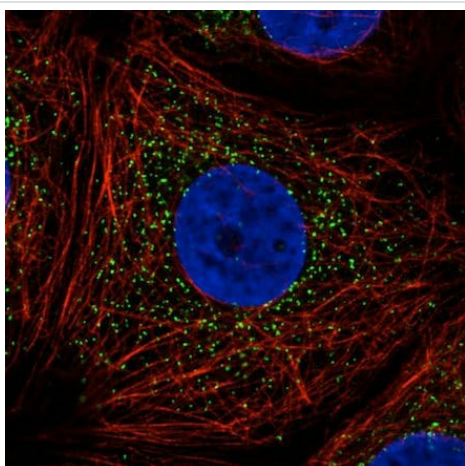
Immunofluorescent analysis of paraformalin-fixed, Triton X-100 permeabilized U251 cells labeling PMP70 with ab211533 at 4 µg/ml. Microtubule- and nuclear probes are visualized in red and blue respectively.

Immunocytochemistry/ Immunofluorescence - Anti-PMP70 antibody [CL2524] (ab211533)



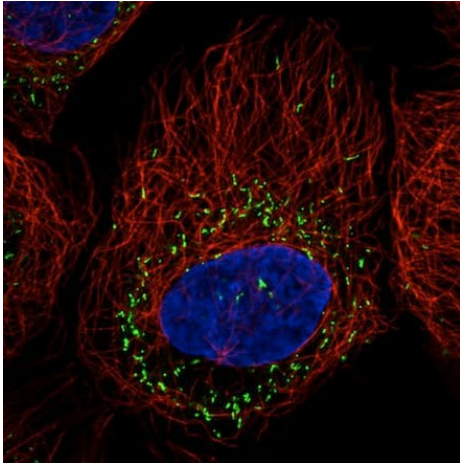
Immunocytochemistry/ Immunofluorescence - Anti-PMP70 antibody [CL2524] (ab211533)

Immunofluorescent analysis of paraformalin-fixed, Triton X-100 permeabilized U2OS cells labeling PMP70 with ab211533 at 4 $\mu\text{g/ml}$ dilution. Microtubule- and nuclear probes are visualized in red and blue respectively.



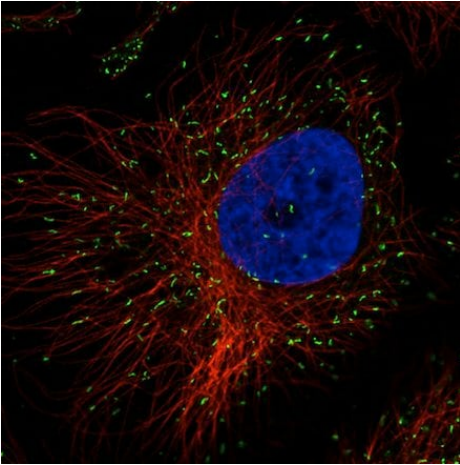
Immunocytochemistry/ Immunofluorescence - Anti-PMP70 antibody [CL2524] (ab211533)

Immunofluorescent analysis of paraformalin-fixed, Triton X-100 permeabilized MCF7 cells labeling PMP70 with ab211533 at 4 $\mu\text{g/ml}$ dilution. Microtubule- and nuclear probes are visualized in red and blue respectively.



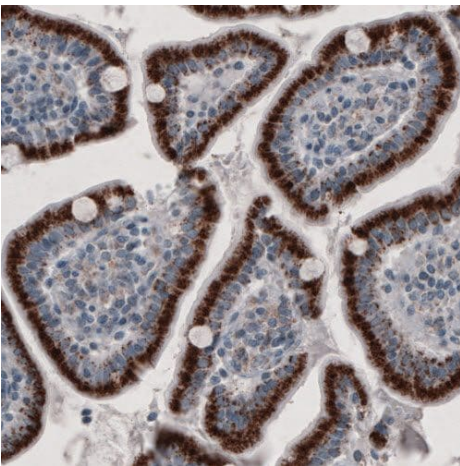
Immunocytochemistry/ Immunofluorescence - Anti-PMP70 antibody [CL2524] (ab211533)

Immunofluorescent analysis of paraformalin-fixed, Triton X-100 permeabilized A431 cells labeling PMP70 with ab211533 at 4 $\mu\text{g/ml}$ dilution. Microtubule- and nuclear probes are visualized in red and blue respectively.



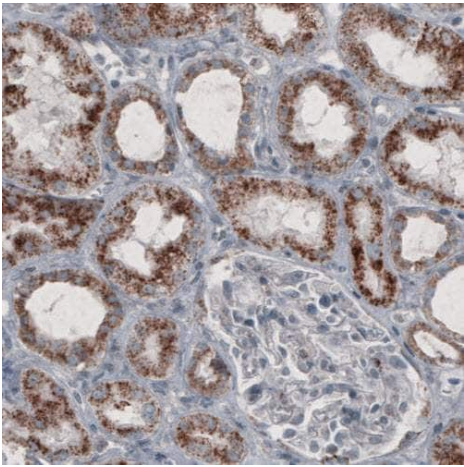
Immunocytochemistry/ Immunofluorescence - Anti-PMP70 antibody [CL2524] (ab211533)

Immunofluorescent analysis of paraformalin-fixed, Triton X-100 permeabilized HeLa cells labeling PMP70 with ab211533 at 4 $\mu\text{g/ml}$ dilution. Microtubule- and nuclear probes are visualized in red and blue respectively.



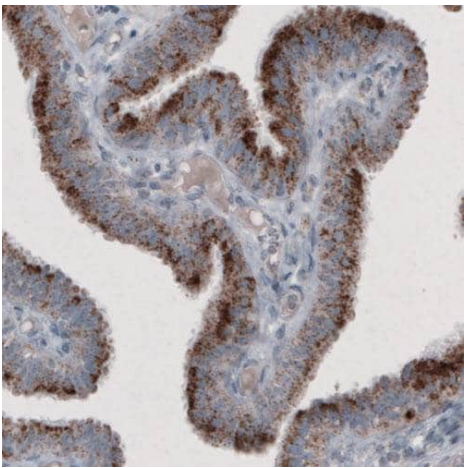
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PMP70 antibody [CL2524] (ab211533)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human small intestine tissue labeling PMP70 with ab211533 at 1/200 dilution.



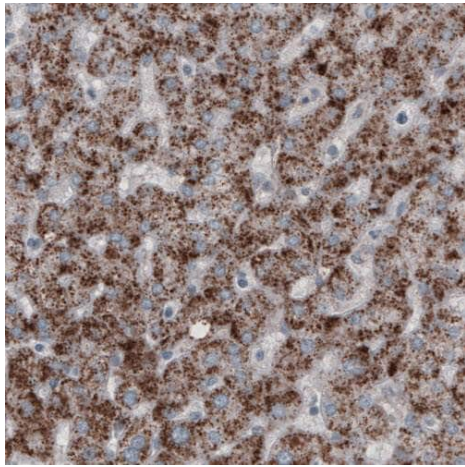
Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human kidney tissue labeling PMP70 with ab211533 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PMP70 antibody [CL2524] (ab211533)



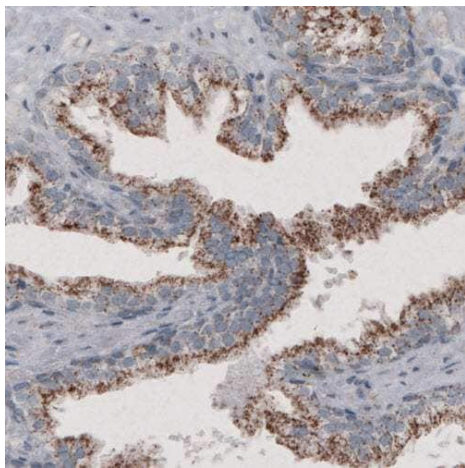
Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human fallopian tube tissue labeling PMP70 with ab211533 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PMP70 antibody [CL2524] (ab211533)



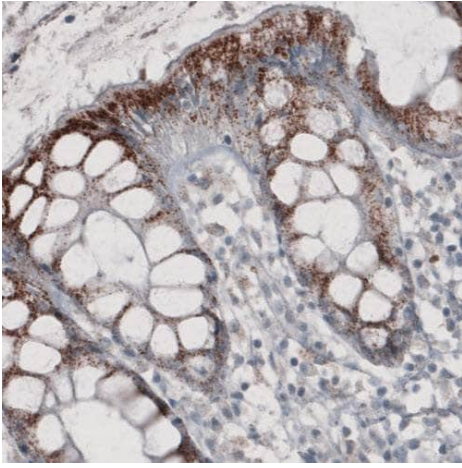
Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human liver tissue labeling PMP70 with ab211533 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PMP70 antibody
[CL2524] (ab211533)



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human prostate tissue labeling PMP70 with ab211533 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PMP70 antibody
[CL2524] (ab211533)



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human rectum tissue labeling PMP70 with ab211533 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PMP70 antibody [CL2524] (ab211533)

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