

Product Datasheet

ARPC5 Recombinant Rabbit Monoclonal Antibody (orb1499399)

Catalog Number	orb1499399
Category	Antibodies
Description	ARPC5 Recombinant Rabbit Monoclonal Antibody
Target	ARPC5
Clonality	Recombinant
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human ARPC5 (1-50/151aa)
UniProt ID	O15511
MW	15 kDa

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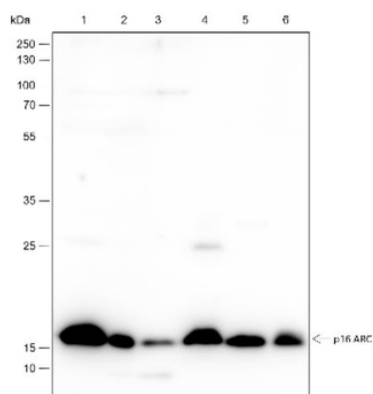
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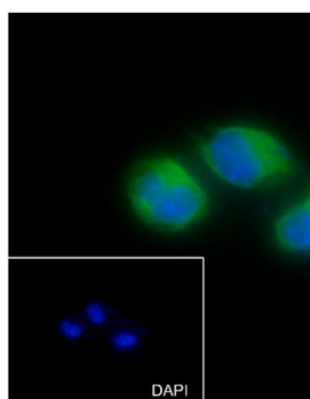
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Tested applications	ICC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:100-500, IF=1:100-500
Antibody Type	Primary Antibody
Clone Number	B0F1
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blocking buffer: 5% NFDM/TBST, Primary Ab Dilution: 1:2000, Primary Ab incubation condition: 2 hours at room temperature, Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP), Lysate: 1: HeLa, 2: HCT-116, 3: SW480, 4: Rat, brain, 5: Mouse brain, 6: Mouse ovary, Protein loading quantity: 20 µg, Exposure time: 60 s, Predicted MW: 16 kDa, Observed MW: 16 kDa.



Cell line: Neuro-2a, Fixative: 4% Paraformaldehyde, Permeabilization: 0.1% TritonX-100, Primary Ab Dilution: 1:50, Primary incubation condition: 4°C overnight, Secondary Ab: Goat Anti-Rabbit IgG, Nuclear counter stain: DAPI (Blue), Comment: Color green is the positive signal for orb1499399.

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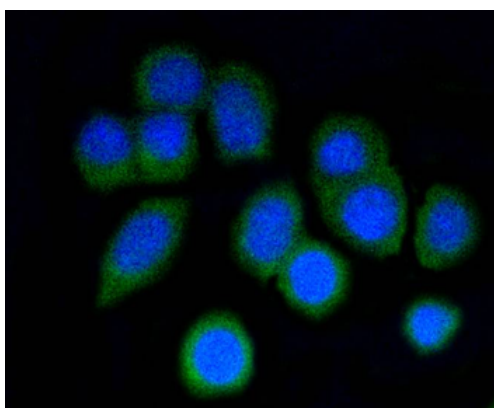
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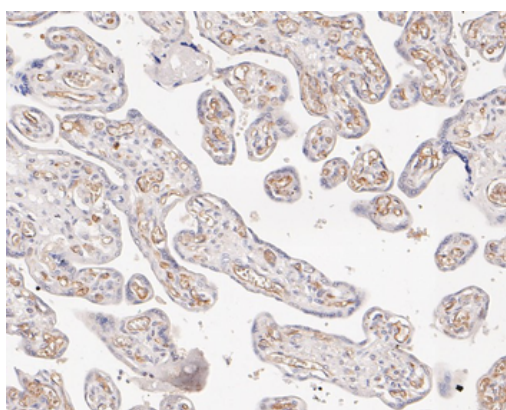
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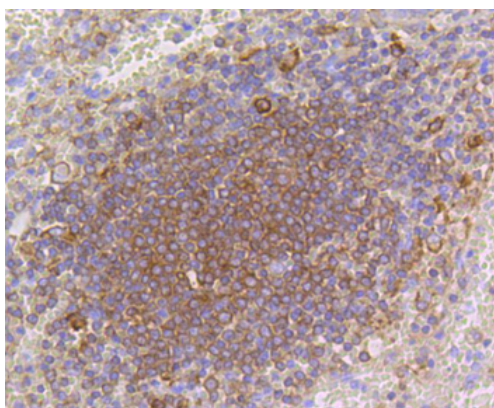
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ICC staining of p16 ARC in N2A cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 10% negative goat serum for 15 minutes at room temperature. Cells were probed with the primary antibody (orb1499399, 1/50) for 1 hour at room temperature, washed with PBS. Alexa Fluor®488 conjugate-Goat anti-Rabbit IgG was used as the secondary antibody at 1/1000 dilution. The nuclear counter stain is DAPI (blue).



Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-p16 ARC antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH9.0) for 20 minutes. The tissues were blocked in 1% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (orb1499399, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-p16 ARC antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH9.0) for 20 minutes. The tissues were blocked in 1% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (orb1499399, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

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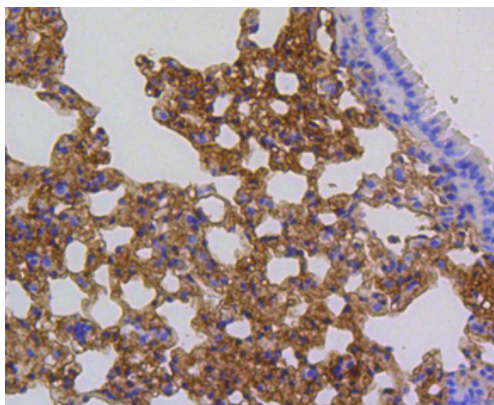
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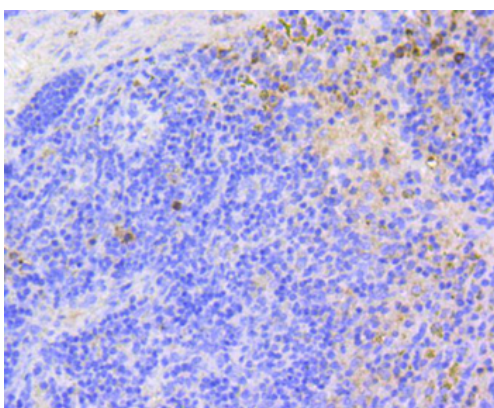
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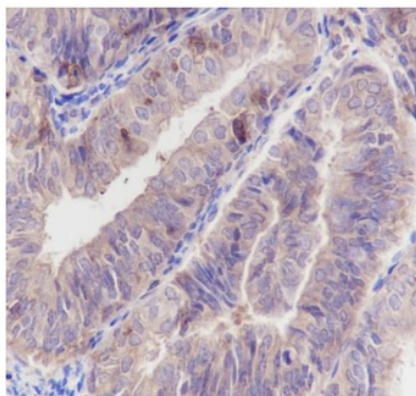
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Immunohistochemical analysis of paraffin-embedded mouse lung tissue using anti-p16 ARC antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH9.0) for 20 minutes. The tissues were blocked in 1% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (orb1499399, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-p16 ARC antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH9.0) for 20 minutes. The tissues were blocked in 1% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (orb1499399, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Tissue: Human endometrium carcinoma, Section type: Formalin fixed & Paraffin embedded section, Retrieval method: High temperature and high pressure, Retrieval buffer: Tris/EDTA buffer, pH9.0, Primary Ab Dilution: 1:100, Primary Ab incubation condition: 1 hour at room temperature, Secondary Ab: Anti-Rabbit and Mouse, Polymer HRP (Ready to use), Counter stain: Hematoxylin (Blue), Comment: Color brown is the positive signal for orb1499399.

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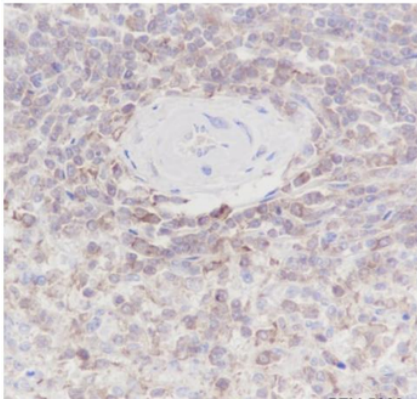
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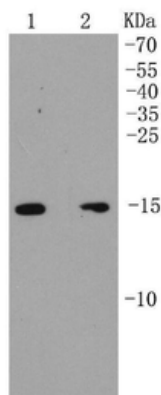
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Tissue: Human spleen, Section type: Formalin fixed & Paraffin embedded section, Retrieval method: High temperature and high pressure, Retrieval buffer: Tris/EDTA buffer, pH9.0, Primary Ab Dilution: 1:100, Primary Ab incubation condition: 1 hour at room temperature, Secondary Ab: Anti-Rabbit and Mouse, Polymer HRP (Ready to use), Counter stain: Hematoxylin (Blue), Comment: Color brown is the positive signal for orb1499399.



Western blot analysis of p16 ARC on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (orb1499399, 1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:200000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: MCF-7 cell lysate, Lane 2: SK-Br-3 cell lysate.

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