

Product Datasheet

Pan Actin Recombinant Rabbit Monoclonal Antibody (orb1172771)

Catalog Number	orb1172771
Category	Antibodies
Description	Pan Actin Recombinant Rabbit Monoclonal Antibody
Clonality	Recombinant
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Human, Mouse, 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
MW	42 kDa
Tested applications	FC, ICC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-1000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:50-200, IF=1:100-500, Flow-Cyt=1:50-100

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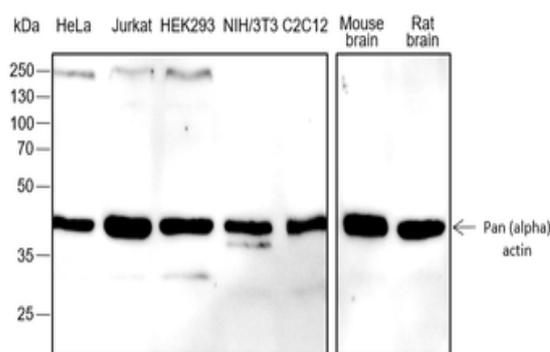
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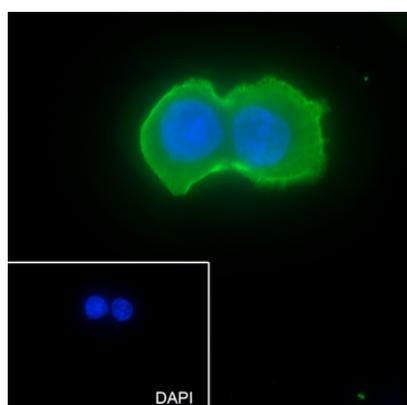
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Antibody Type	Primary Antibody
Clone Number	F3C6
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blocking buffer: 5% NFDM/TBST, Primary ab Dilution: 1:1000, Primary ab incubation condition: 2 hours at room temperature, Secondary ab: Goat Anti-Rabbit IgG H&L (HRP), Lysate: HeLa, Jurkat, HEK293, NIH/3T3, C2C12, Mouse brain, Rat brain, Protein loading quantity: 20 µg, Exposure time: 60 s, Predicted MW: 42 kDa, Observed MW: 42 kDa.



Cell line: A431, Fixative: 100% Ice-cold methanol, 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 orb1172771.

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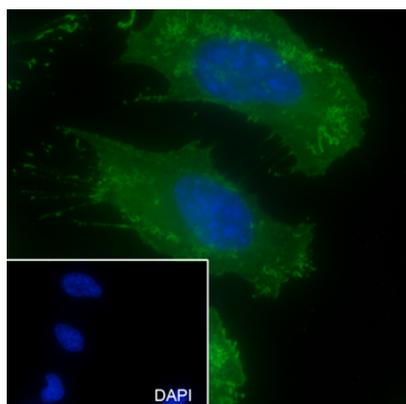
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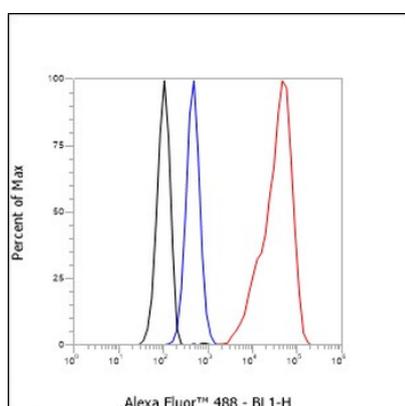
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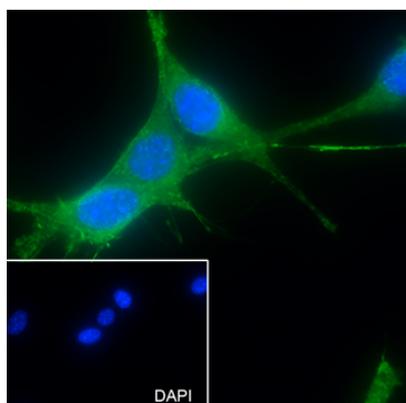
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Cell line: HeLa, Fixative: 100% Ice-cold methanol,
Permeabilization: 0.1% TritonX-100, Primary ab Dilution: 1:50,
Primary incubation condition: 4°C overnight, Secondary ab:
Goat Anti-Rabbit IgG, Nuclear counter stain: DAPI (Blue),
Comment: Color green is the positive signal for orb1172771.



Cell line: Jurkat, Fixative: 4% Paraformaldehyde,
Permeabilization: 90% Methanol, Primary ab Dilution: 1:100,
Secondary ab: Goat anti Rabbit IgG, Unlabelled control: The cell
without incubation with primary antibody and secondary
antibody (Black line). Isotype control: Rabbit monoclonal IgG
(Blue line). Comment: Line red is the positive signal for
orb1172771.



Cell line: NIH/3T3, 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 orb1172771.

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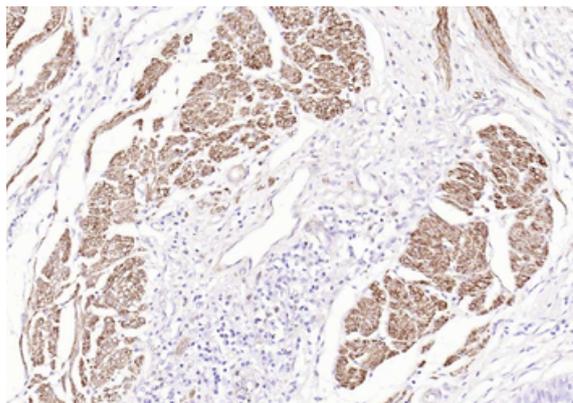
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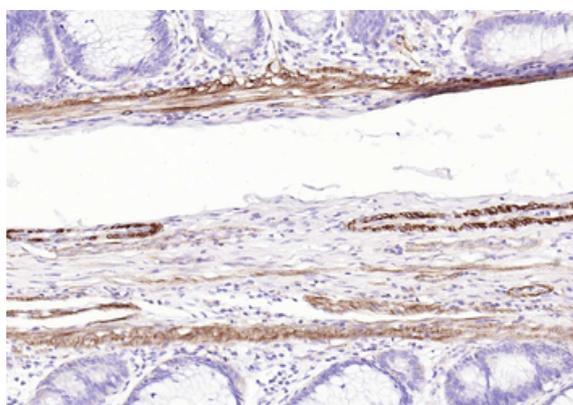
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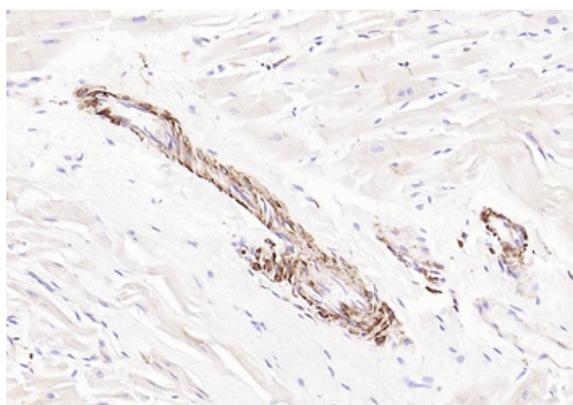
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Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (Pan Actin) Monoclonal Antibody, Unconjugated (orb1172771) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (Pan Actin) Monoclonal Antibody, Unconjugated (orb1172771) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human heart), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (Pan Actin) Monoclonal Antibody, Unconjugated (orb1172771) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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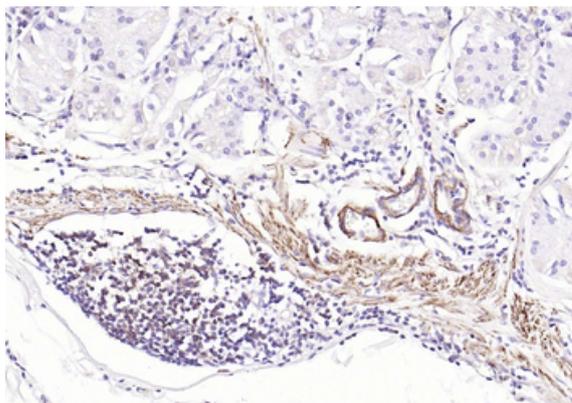
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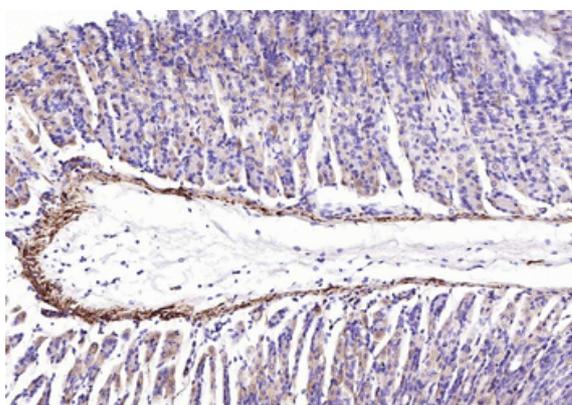
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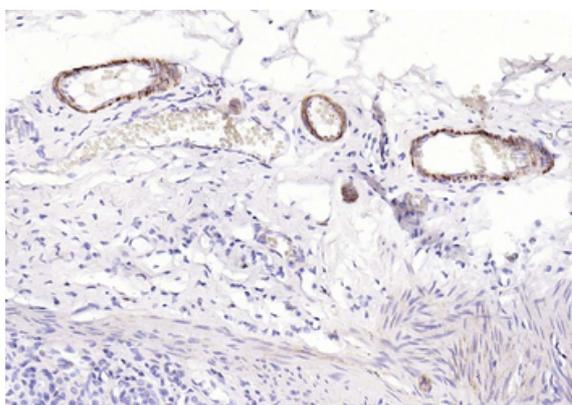
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Paraformaldehyde-fixed, paraffin embedded (human stomach), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (Pan Actin) Monoclonal Antibody, Unconjugated (orb1172771) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse stomach), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (Pan Actin) Monoclonal Antibody, Unconjugated (orb1172771) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat stomach), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Incubation with (Pan Actin) Monoclonal Antibody, Unconjugated (orb1172771) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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