

## Product Datasheet

# Pan Actin Recombinant Rabbit Monoclonal Antibody (orb1172771)

<b>Catalog Number</b>	orb1172771
<b>Category</b>	Antibodies
<b>Description</b>	Pan Actin Recombinant Rabbit Monoclonal Antibody
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>MW</b>	42 kDa
<b>Tested applications</b>	FC, ICC, IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	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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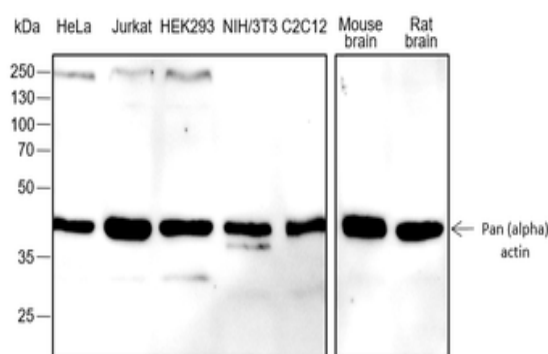
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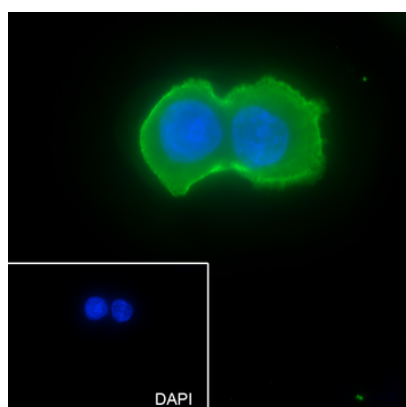
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<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	BH5E8
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	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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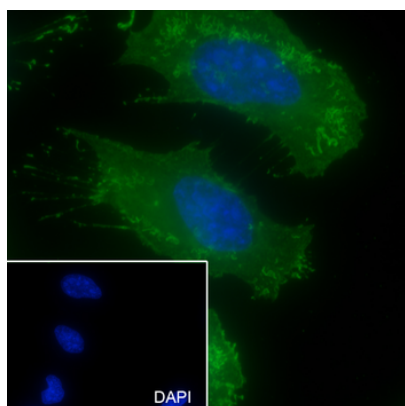
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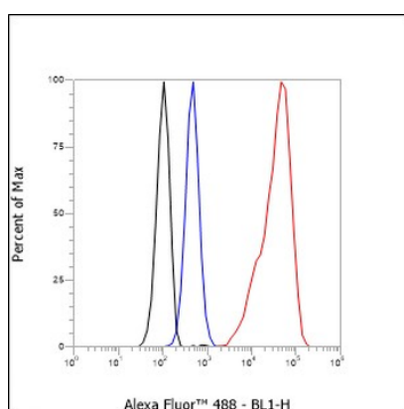
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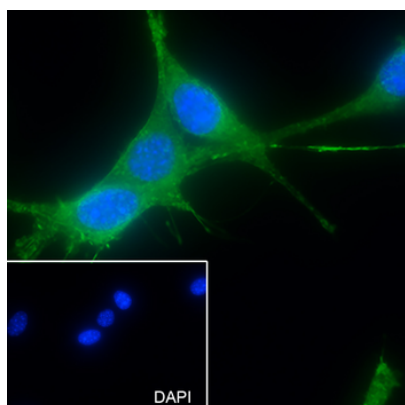
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Cell line: HeLa, Fixative: 100% Ice-cold methanol,  
Permeabilization: 0.1% TritonX-100, Primary ab Dilution: 1:50,  
Primary incubation condition: 4°C overnight, Secondary ab:  
Goat Anti-Rabbit IgG, Nuclear counter stain: DAPI (Blue),  
Comment: 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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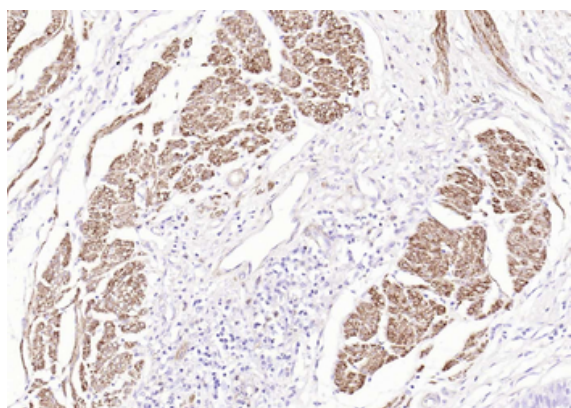
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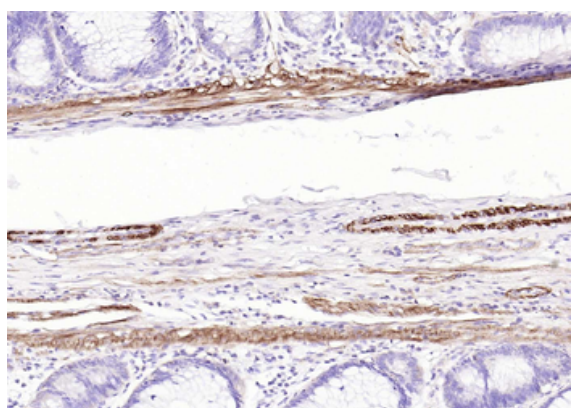
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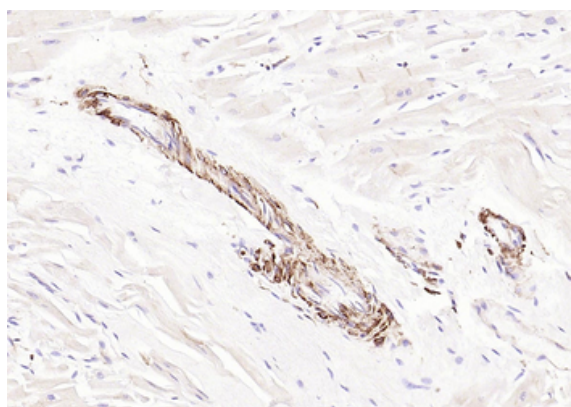
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Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 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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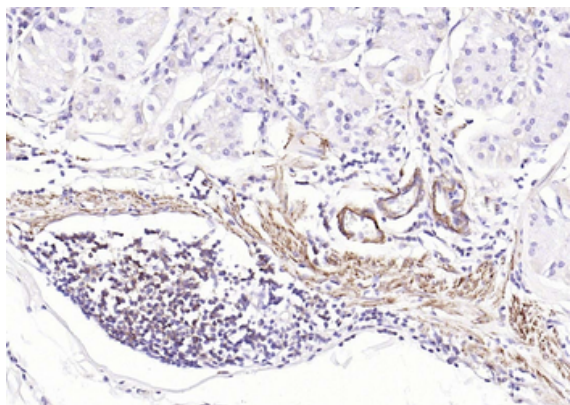
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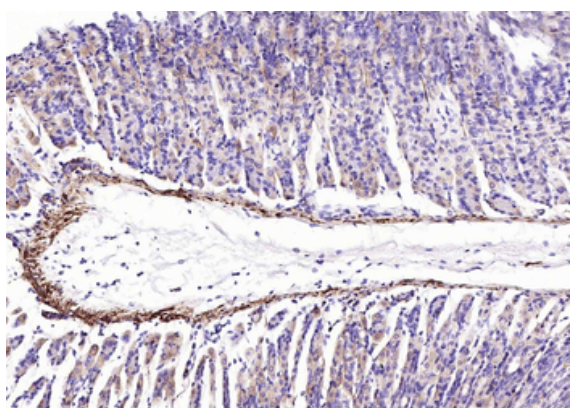
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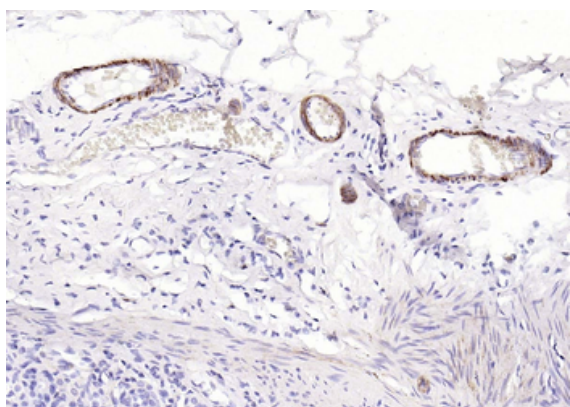
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Paraformaldehyde-fixed, paraffin embedded (human stomach), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 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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