

## Product Datasheet

# PCNA Recombinant Rabbit Monoclonal Antibody (Nuclear Loading Control) (orb612208)

<b>Catalog Number</b>	orb612208
<b>Category</b>	Antibodies
<b>Description</b>	PCNA Recombinant Rabbit Monoclonal Antibody (Nuclear Loading Control)
<b>Target</b>	PCNA
<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>	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>Immunogen</b>	A synthesized peptide derived from human PCNA (100-160/261aa)
<b>UniProt ID</b>	<b>P12004</b>
<b>MW</b>	29 kDa

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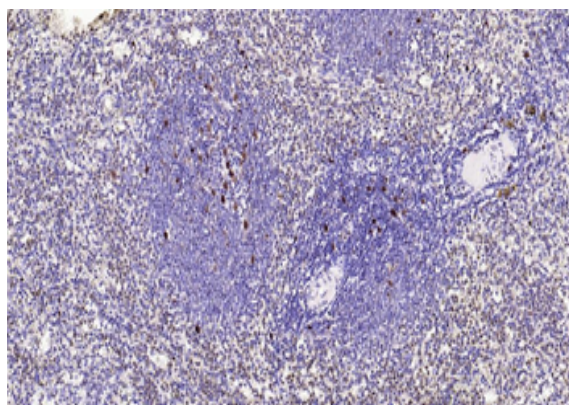
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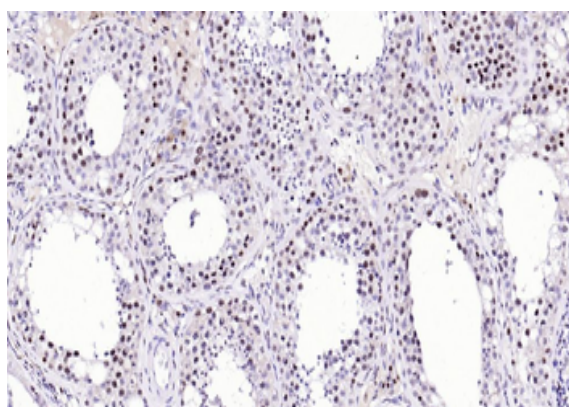
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<b>Tested applications</b>	FC, ICC, IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:1000-20000, IHC-P=1:200-1000, IHC-F=1:200-1000, ICC/IF=1:100-500, IF=1:200-1000, Flow-Cyt=1ug/Test
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	1G3
<b>Storage</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.



Paraformaldehyde-fixed, paraffin embedded Human Spleen, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Testicles, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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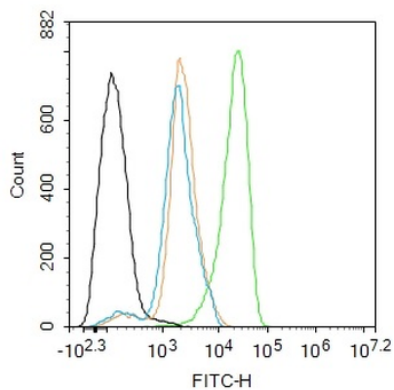
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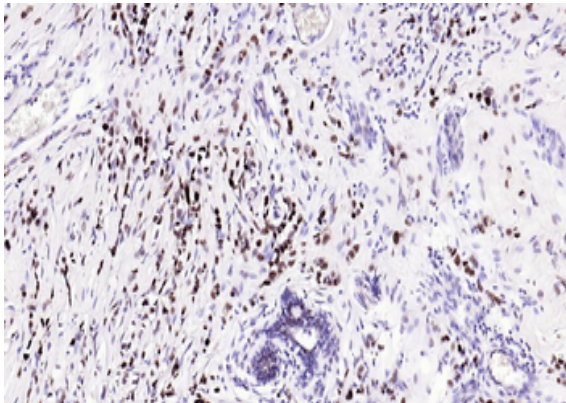
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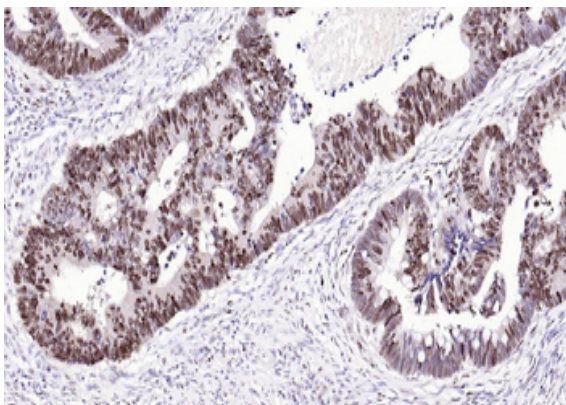
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Blank control: Hela. Primary Antibody (green line): Rabbit Anti-PCNA antibody (orb612208), dilution: 1 ug/Test, Secondary Antibody: Goat anti-rabbit IgG-FITC, dilution: 0.5 ug/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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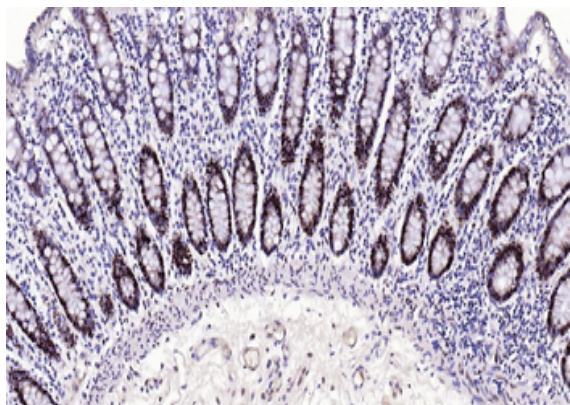
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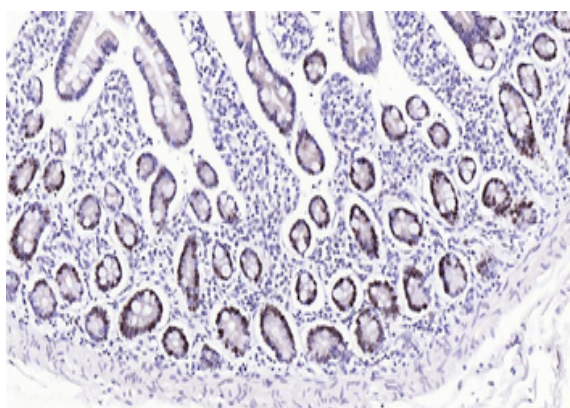
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Paraformaldehyde-fixed, paraffin embedded Human Colon, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Duodenum, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Glioma, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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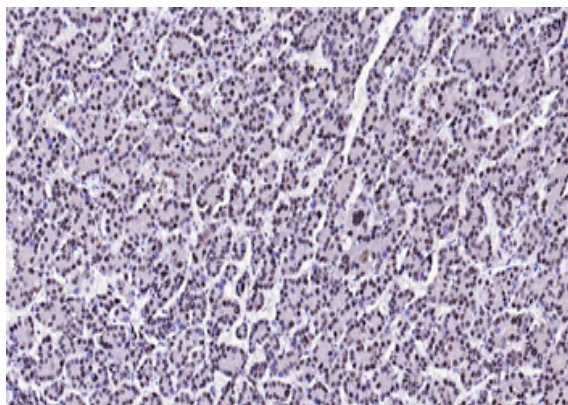
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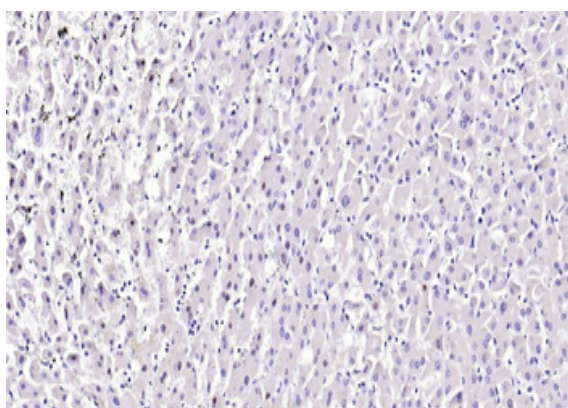
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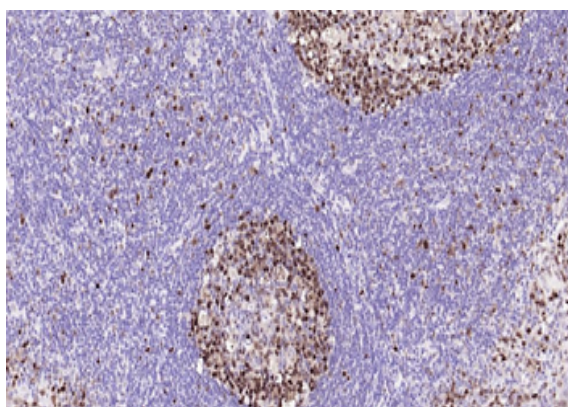
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Paraformaldehyde-fixed, paraffin embedded Human Liver Cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Liver, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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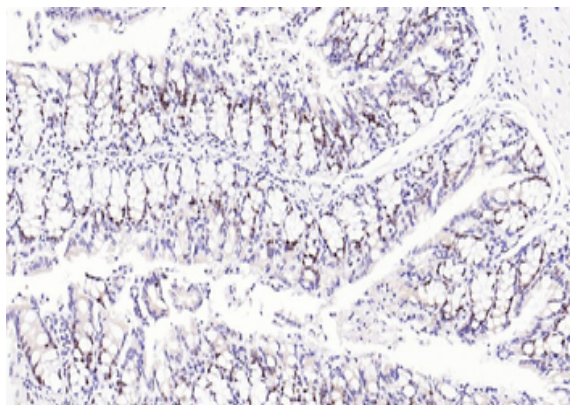
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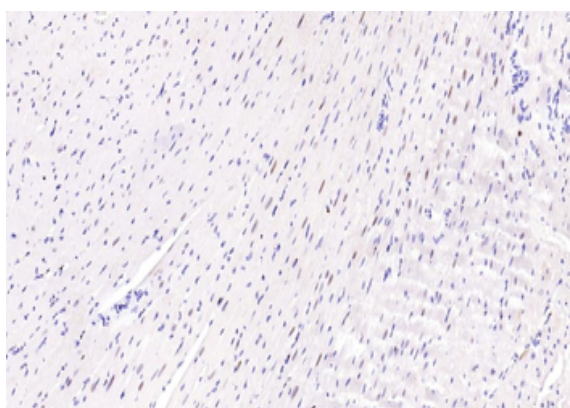
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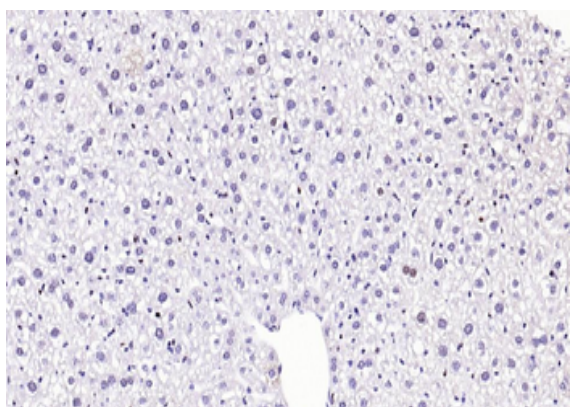
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Paraformaldehyde-fixed, paraffin embedded Mouse Colon, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Heart, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Liver, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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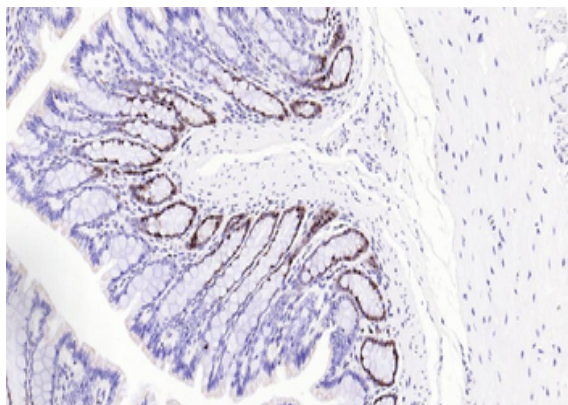
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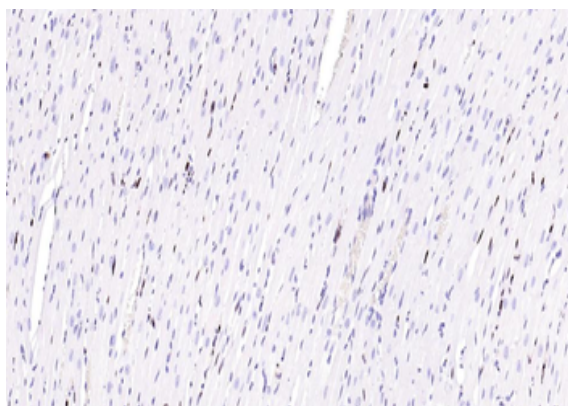
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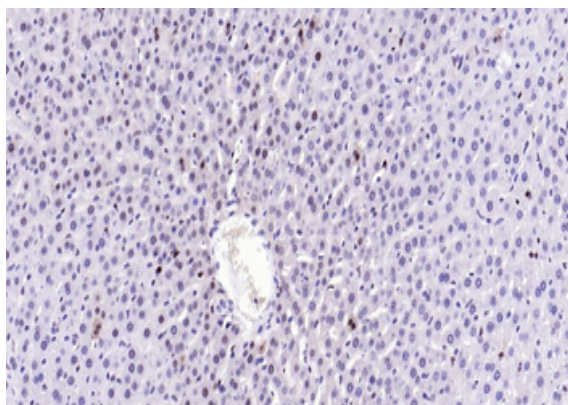
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Paraformaldehyde-fixed, paraffin embedded Rat Colon, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Rat Heart, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Rat Liver, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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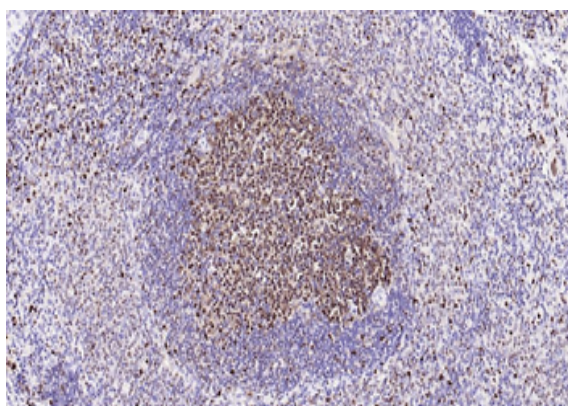
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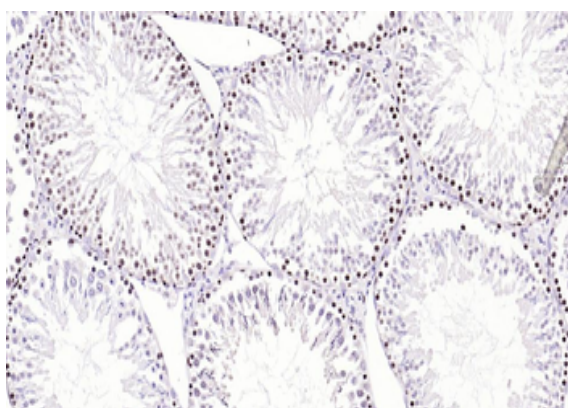
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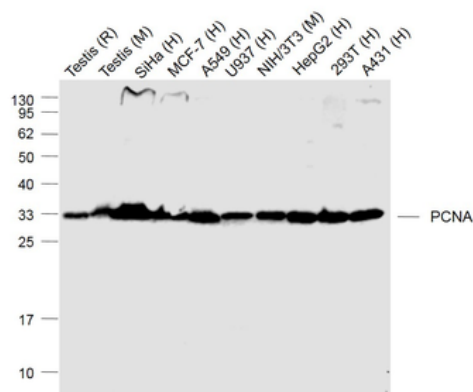
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Paraformaldehyde-fixed, paraffin embedded Rat Spleen, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Rat Testicles, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with PCNA (Nuclear Loading Control) Monoclonal Antibody, Unconjugated (orb612208) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Sample: Lane 1: Testis (Rat) Lysate at 40 ug, Lane 2: Testis (Mouse) Lysate at 40 ug, Lane 3: SiHa (Human) Cell Lysate at 30 ug, Lane 4: MCF-7 (Human) Cell Lysate at 30 ug, Lane 5: A549 (Human) Cell Lysate at 30 ug, Lane 6: U937 (Human) Cell Lysate at 30 ug, Lane 7: NIH/3T3 (Mouse) Cell Lysate at 30 ug, Lane 8: HepG2 (Human) Cell Lysate at 30 ug, Lane 9: 293T (Human) Cell Lysate at 30 ug, Lane 10: A431 (Human) Cell Lysate at 30 ug, Primary: Anti-PCNA (orb612208) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 32'36 kD, Observed band size: 32 kD.

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