

Product Datasheet

PTEN Mouse Monoclonal Antibody (orb500350)

Catalog Number	orb500350
Category	Antibodies
Description	PTEN Mouse Monoclonal Antibody
Target	PTEN
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG
Conjugation	Unconjugated
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 G
Immunogen	KLH conjugated synthetic peptide derived from human PTEN
UniProt ID	P60484
MW	44 kDa
Tested applications	ICC, IF, IHC-Fr, IHC-P
Dilution range	IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:100-200, IF=1:100-500

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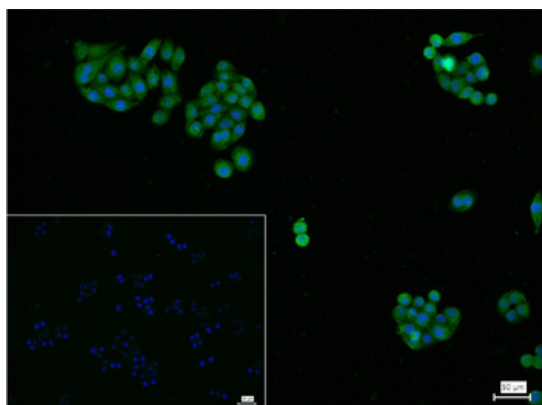
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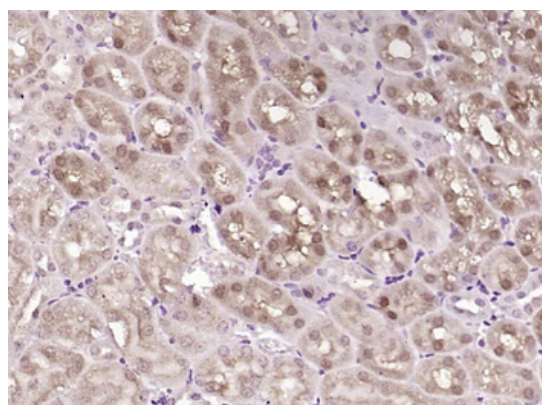
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Antibody Type	Primary Antibody
Clone Number	4D9
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



4% Paraformaldehyde-fixed MCF-7 (H) cell, Triton X-100 at r.t. for 20 min, Antibody incubation with (PTEN) monoclonal Antibody, unconjugated (orb500350) 1:100, 90 min at 37°C, followed by conjugated Goat Anti-Mouse IgG antibody (green, orb868805) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



Paraformaldehyde-fixed, paraffin embedded (mouse kidney), 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, Antibody incubation with (PTEN) Polyclonal Antibody, Unconjugated (orb500350) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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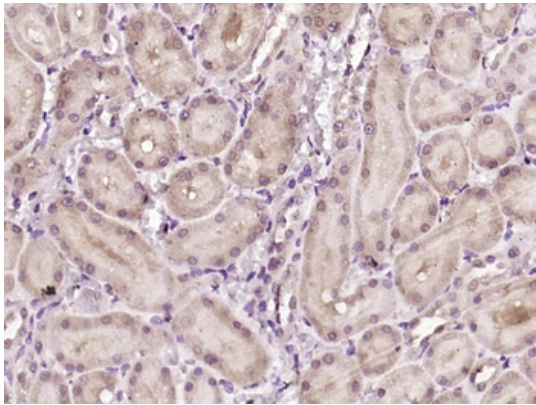
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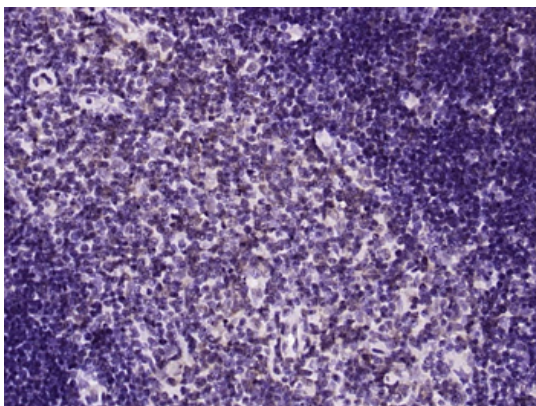
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Paraformaldehyde-fixed, paraffin embedded (rat kidney), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (PTEN) Polyclonal Antibody, Unconjugated (orb500350) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat thymus), 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, Antibody incubation with (PTEN) Polyclonal Antibody, Unconjugated (orb500350) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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