

Product Datasheet

Phospho-AKT (Ser473) Mouse Monoclonal Antibody (orb506119)

Description	Phospho-AKT (Ser473) Mouse Monoclonal Antibody
Species/Host	Mouse
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, IHC-Fr, IHC-P
Immunogen	KLH conjugated Synthesised phosphopeptide derived from human AKT around the phosphorylation site of Ser473 QF(p-S)YS
Target	AKT1
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
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
Isotype	IgG
Clonality	Monoclonal
Clone Number	9H11
MW	56 kDa
Uniprot ID	P31749

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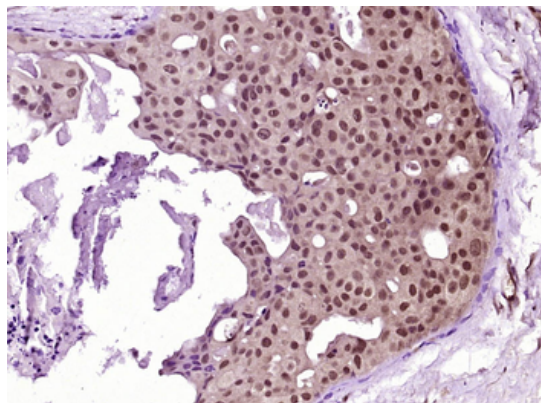
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
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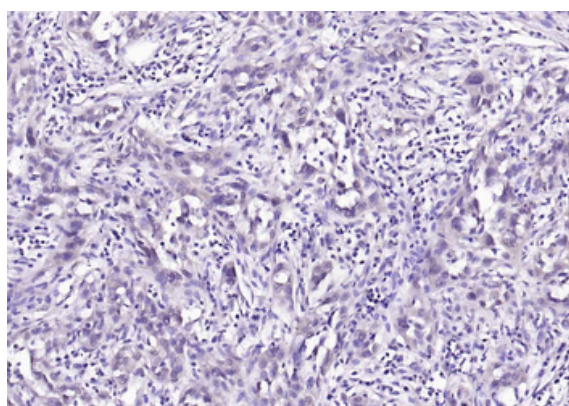
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Dilution Range IHC-P=1:100-500, IHC-F=1:500-1000, IF=1:500-1000

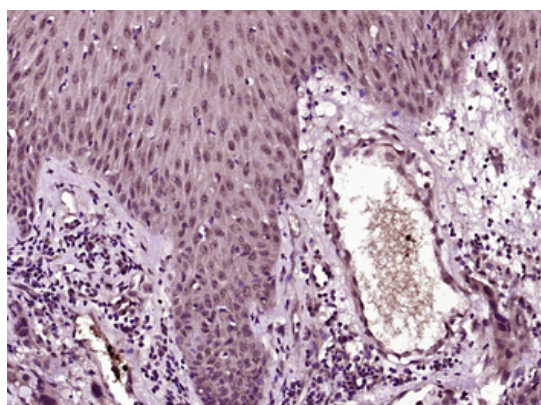
Expiration Date 12 months from date of receipt.



Paraformaldehyde-fixed, paraffin embedded (Human breast 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, Antibody incubation with (phospho-AKT (Ser473)) Monoclonal Antibody, Unconjugated (ascites of orb506119 9H11) at 1:2000 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human gastric 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, Antibody incubation with (phospho-AKT (Ser473)) Monoclonal Antibody, Unconjugated (orb506119) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



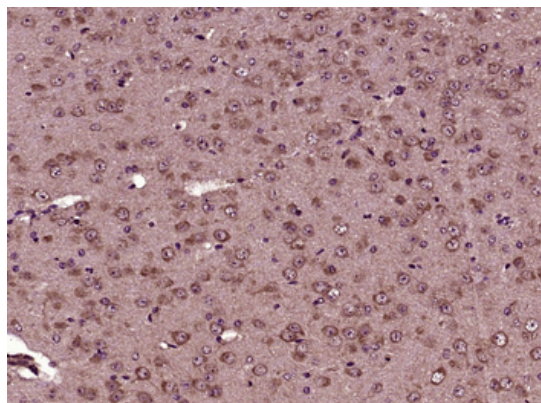
Paraformaldehyde-fixed, paraffin embedded (Human skin carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (phospho-AKT (Ser473)) Monoclonal Antibody, Unconjugated (ascites of orb506119 9H11) at 1:2000 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.

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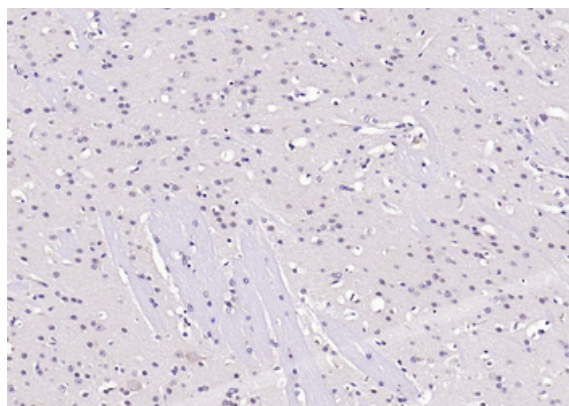
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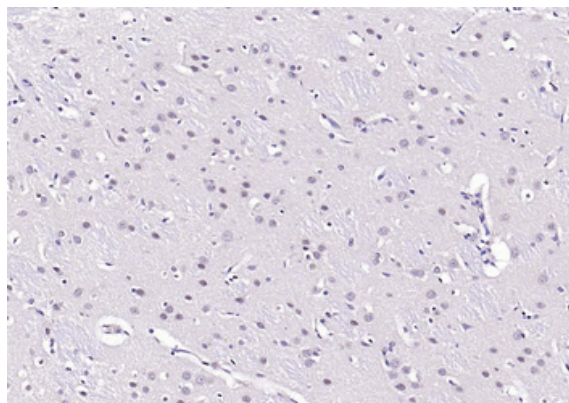
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Paraformaldehyde-fixed, paraffin embedded (Mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (phospho-AKT (Ser473)) Monoclonal Antibody, Unconjugated (ascites of orb506119 9H11) at 1:2000 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse brain), 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 (phospho-AKT (Ser473)) Monoclonal Antibody, Unconjugated (orb506119) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain), 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 (phospho-AKT (Ser473)) Monoclonal Antibody, Unconjugated (orb506119) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

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