

Product Datasheet

AKT1 Antibody (OTI1G5) NBP2-01731

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-01731

AKT1 Antibody (OTI1G5)

Product Information

Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1G5
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	55.7 kDa

Product Description

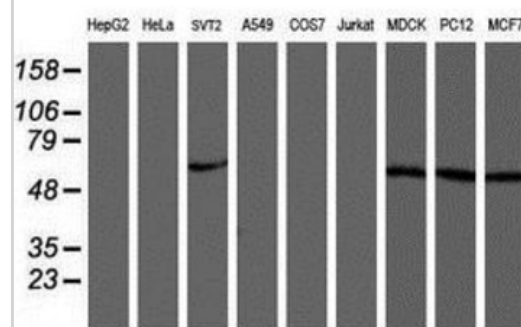
Host	Mouse
Gene ID	207
Gene Symbol	AKT1
Species	Human, Mouse, Rat, Canine
Reactivity Notes	Human, Dog, Rat, Mouse. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	Full length recombinant protein of human AKT1 (NP_005154) produced in HEK293T cells.

Product Application Details

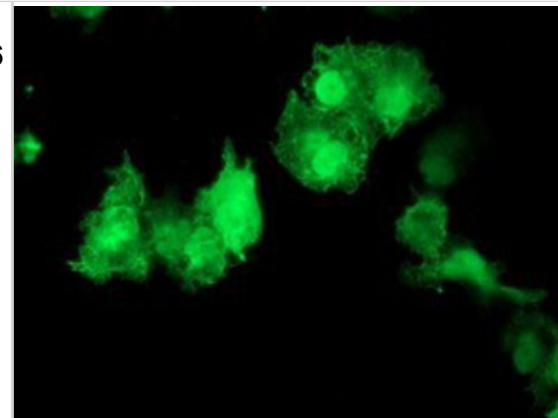
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

Images

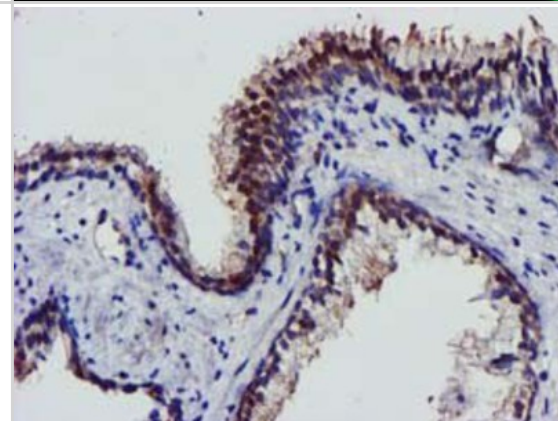
Western Blot: AKT1 Antibody (1G5) [NBP2-01731] Analysis of extracts (35ug) from 9 different cell lines by using anti-AKT1 monoclonal antibody.



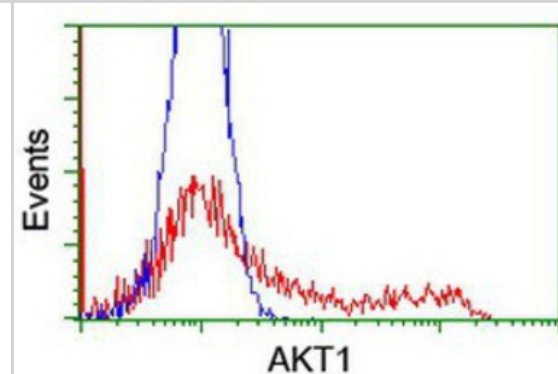
Immunocytochemistry/Immunofluorescence: AKT1 Antibody (1G5) [NBP2-01731] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY AKT1.



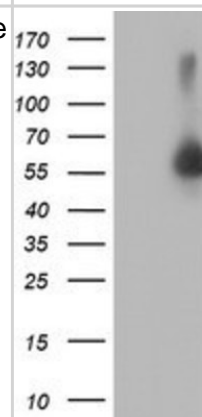
Immunohistochemistry-Paraffin: AKT1 Antibody (1G5) [NBP2-01731] - Staining of paraffin-embedded Human prostate tissue using anti-AKT1 mouse monoclonal antibody.



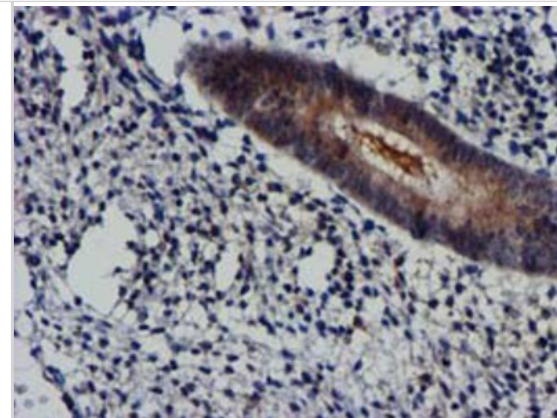
Flow Cytometry: AKT1 Antibody (1G5) [NBP2-01731] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-AKT1 antibody, and then analyzed by flow cytometry.



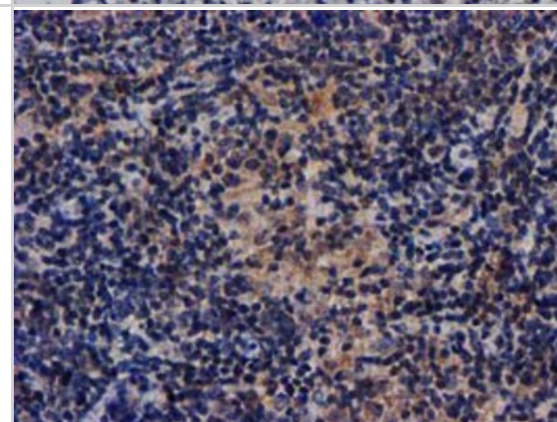
Western Blot: AKT1 Antibody (1G5) [NBP2-01731] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AKT1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AKT1.



Immunohistochemistry-Paraffin: AKT1 Antibody (1G5) [NBP2-01731] - Staining of paraffin-embedded Human endometrium tissue using anti-AKT1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: AKT1 Antibody (1G5) [NBP2-01731] - Staining of paraffin-embedded Human lymphoma tissue using anti-AKT1 mouse monoclonal antibody.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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