

Product Datasheet

AKT2 Antibody (OTI4H7) - Azide and BSA Free NBP2-70146

Unit Size: 100 ug

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

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NBP2-70146

AKT2 Antibody (OTI4H7) - Azide and BSA Free

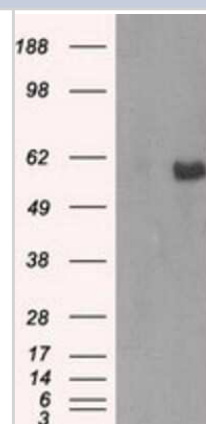
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4H7
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	55.6 kDa

Product Description	
Host	Mouse
Gene ID	208
Gene Symbol	AKT2
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human AKT2 (NP_001617) produced in HEK293T cell.

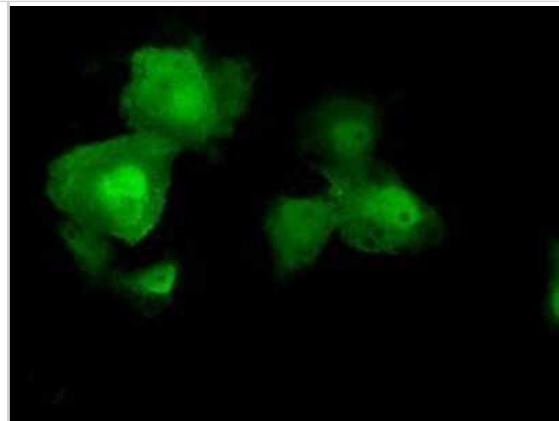
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50-100, CyTOF-ready

Images

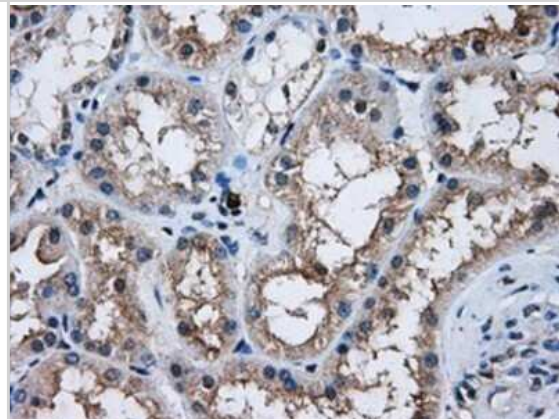
Western Blot: AKT2 Antibody (OTI4H7) - Azide and BSA Free [NBP2-70146] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AKT2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AKT2.



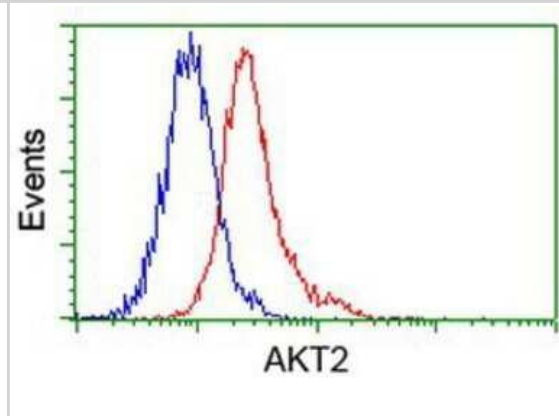
Immunocytochemistry/Immunofluorescence: AKT2 Antibody (OTI4H7) - Azide and BSA Free [NBP2-70146] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY AKT2.



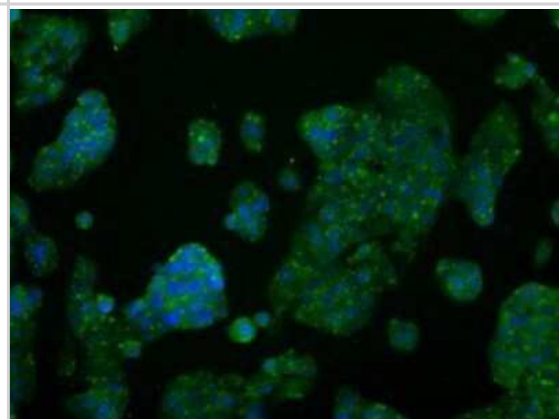
Immunohistochemistry: AKT2 Antibody (OTI4H7) - Azide and BSA Free [NBP2-70146] - Staining of paraffin-embedded Human Kidney tissue using anti-AKT2 mouse monoclonal antibody.



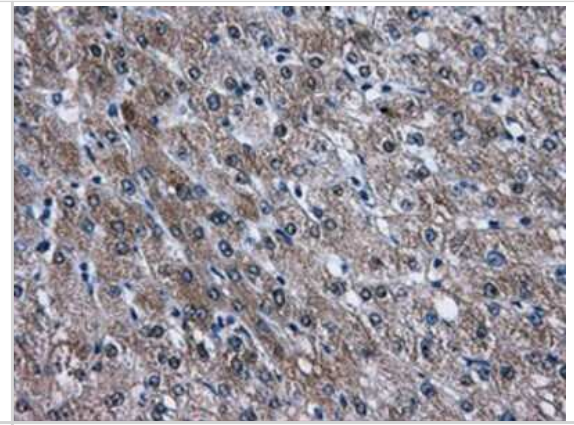
Flow Cytometry: AKT2 Antibody (OTI4H7) - Azide and BSA Free [NBP2-70146] - Analysis of Jurkat cells, using anti-AKT2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



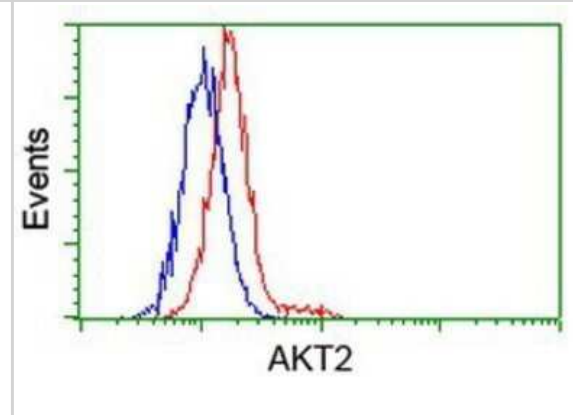
Immunocytochemistry/Immunofluorescence: AKT2 Antibody (OTI4H7) - Azide and BSA Free [NBP2-70146] - Staining of HepG2 cells using anti-AKT2 mouse monoclonal antibody.



Immunohistochemistry: AKT2 Antibody (OTI4H7) - Azide and BSA Free [NBP2-70146] - Staining of paraffin-embedded Human liver tissue using anti-AKT2 mouse monoclonal antibody.



Flow Cytometry: AKT2 Antibody (OTI4H7) - Azide and BSA Free [NBP2-70146] - Analysis of Hela cells, using anti-AKT2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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Products Related to NBP2-70146

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-55812PEP	AKT2 Recombinant Protein Antigen

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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