

# Product Datasheet

## AKT2 Antibody (OTI4H7) NBP2-02231

Unit Size: 0.1 ml

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

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**NBP2-02231**

AKT2 Antibody (OTI4H7)

Product Information	
Unit Size	0.1 ml
Concentration	0.56 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4H7
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	55.6 kDa

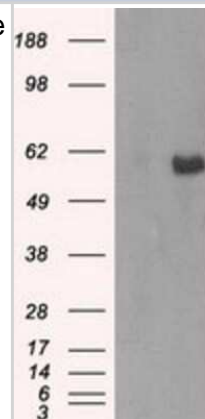
Product Description	
Description	Novus Biologicals Mouse AKT2 Antibody (OTI4H7) (NBP2-02231) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	208
Gene Symbol	AKT2
Species	Human, Mouse, Rat
Reactivity 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, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50-100, Immunohistochemistry-Paraffin 1:50

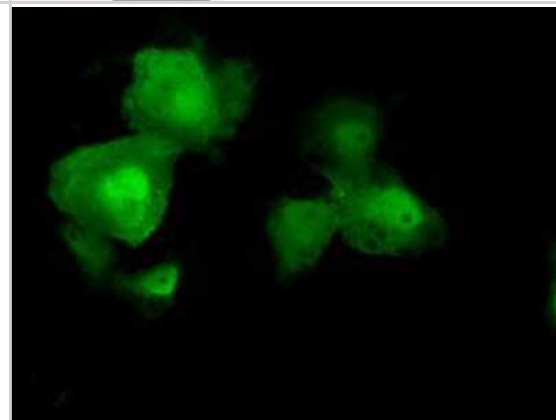


## Images

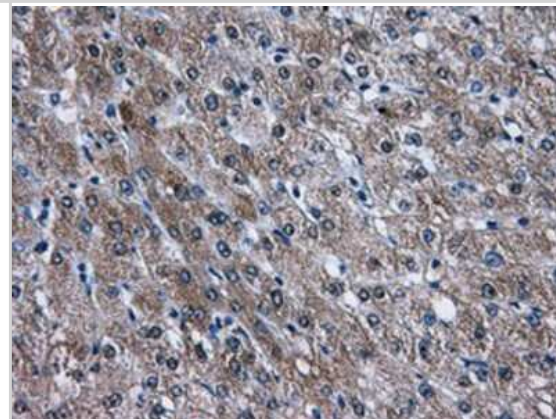
Western Blot: AKT2 Antibody (4H7) [NBP2-02231] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AKT2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AKT2.



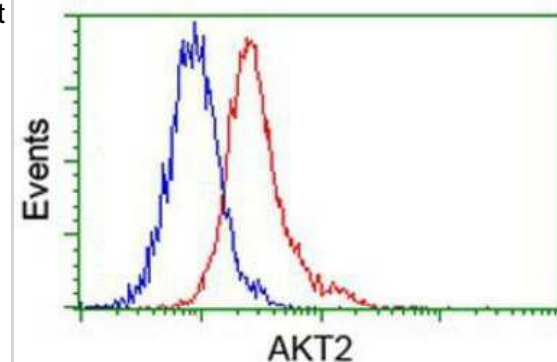
Immunocytochemistry/Immunofluorescence: AKT2 Antibody (4H7) [NBP2-02231] Staining of COS7 cells transiently transfected by pCMV6-ENTRY AKT2.



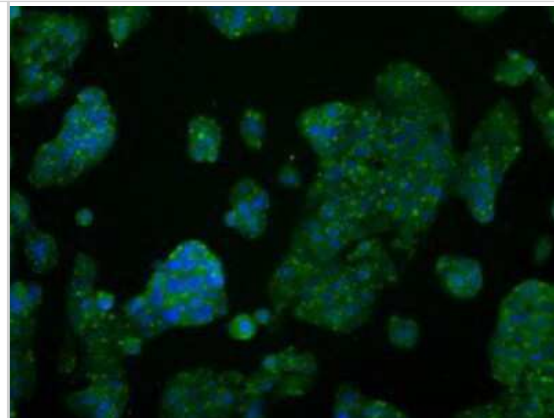
Immunohistochemistry-Paraffin: AKT2 Antibody (4H7) [NBP2-02231] - Staining of paraffin-embedded Human liver tissue using anti-AKT2 mouse monoclonal antibody.



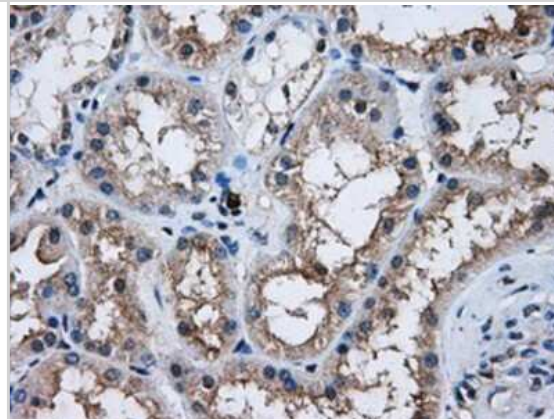
Flow Cytometry: AKT2 Antibody (4H7) [NBP2-02231] - Analysis of Jurkat cells, using anti-AKT2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



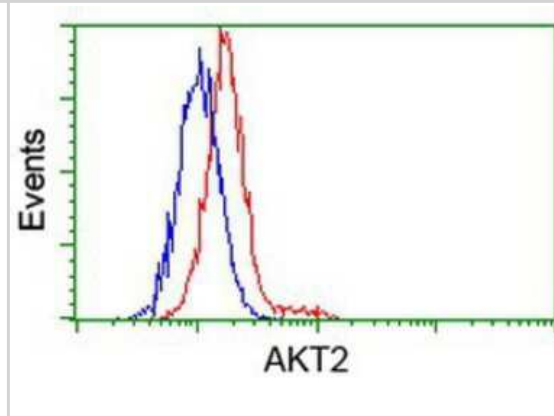
Immunocytochemistry/Immunofluorescence: AKT2 Antibody (4H7) [NBP2-02231] - Immunofluorescent staining of HepG2 cells using anti-AKT2 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: AKT2 Antibody (4H7) [NBP2-02231] - Staining of paraffin-embedded Human Kidney tissue using anti-AKT2 mouse monoclonal antibody.



Flow Cytometry: AKT2 Antibody (4H7) [NBP2-02231] - Analysis of Hela cells, using anti-AKT2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### Products Related to NBP2-02231

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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