

Product Datasheet

AKT3 Antibody (OTI9B2) NBP1-47657

Unit Size: 0.1 ml

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

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NBP1-47657**AKT3 Antibody (OTI9B2)**

Product Information	
Unit Size	0.1 ml
Concentration	0.25 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI9B2
Preservative	0.02% Sodium Azide
Isotype	IgG3
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	55.6 kDa

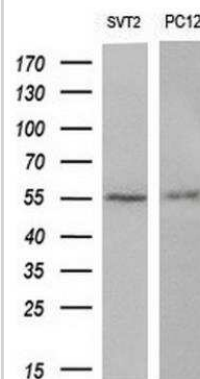
Product Description	
Description	Novus Biologicals Mouse AKT3 Antibody (OTI9B2) (NBP1-47657) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10000
Gene Symbol	AKT3
Species	Human, Mouse, Rat
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.
Specificity/Sensitivity	This antibody is specific for Homo sapiens v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma) (AKT3), transcript variant 1.
Immunogen	Full length human recombinant protein of human AKT3 (NP_005456) produced in E.coli.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50



Images

Western Blot: AKT3 Antibody (OTI9B2) [NBP1-47657] - Analysis of extracts (10ug) from 2 different cell lines by using anti-AKT3 monoclonal antibody at 1:200 dilution.



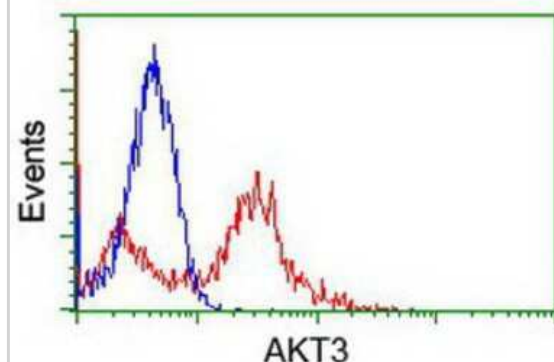
Immunocytochemistry/Immunofluorescence: AKT3 Antibody (9B2) [NBP1-47657] Staining of COS7 cells transiently transfected by pCMV6-ENTRY AKT3.



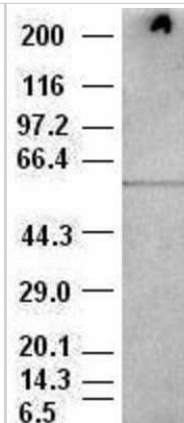
Immunohistochemistry-Paraffin: AKT3 Antibody (9B2) [NBP1-47657] - Staining of paraffin-embedded Human lung tissue using anti-AKT3 mouse monoclonal antibody.



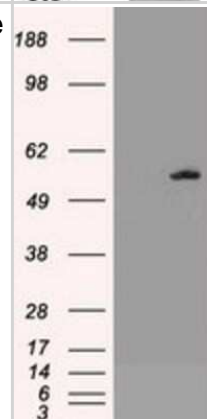
Flow Cytometry: AKT3 Antibody (9B2) [NBP1-47657] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-AKT3 antibody, and then analyzed by flow cytometry.



Western Blot: AKT3 Antibody (9B2) [NBP1-47657] - AKT3 antibody (9B2) at 1:500 dilution + BALB/C 3T3 cell lysate



Western Blot: AKT3 Antibody (9B2) [NBP1-47657] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AKT3 (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-AKT3.





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Products Related to NBP1-47657

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96777	Mouse IgG3 Isotype Control (MG3)
NB100-56345PEP	AKT3 Antibody Blocking Peptide

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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