

# Product Datasheet

## AKT3 Antibody (OTI9B2) - Azide and BSA Free NBP2-71528

Unit Size: 100 ug

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

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**NBP2-71528**

AKT3 Antibody (OTI9B2) - Azide and BSA Free

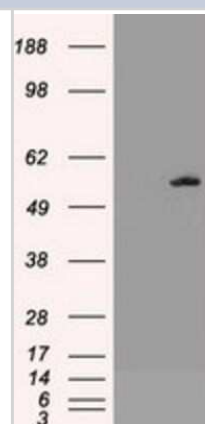
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI9B2
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG3
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	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.
Immunogen	Full length human recombinant protein of human AKT3 (NP_005456) produced in E.coli.

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

**Images**

Western Blot: AKT3 Antibody (OTI9B2) - Azide and BSA Free [NBP2-71528] - 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.



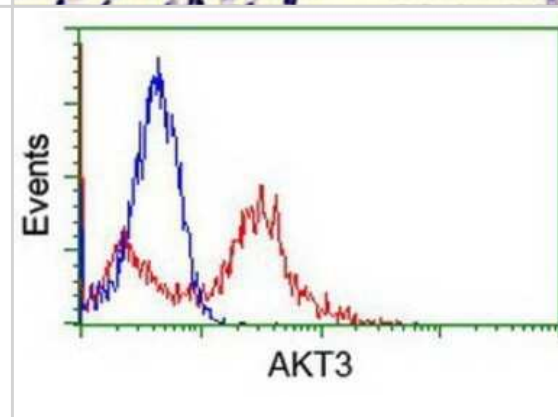
Immunocytochemistry/Immunofluorescence: AKT3 Antibody (OTI9B2) - Azide and BSA Free [NBP2-71528] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY AKT3.



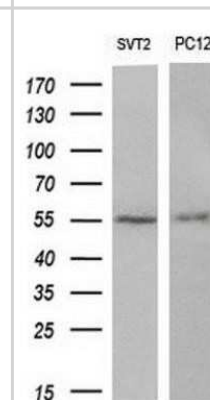
Immunohistochemistry: AKT3 Antibody (OTI9B2) - Azide and BSA Free [NBP2-71528] - Staining of paraffin-embedded Human lung tissue using anti-AKT3 mouse monoclonal antibody.



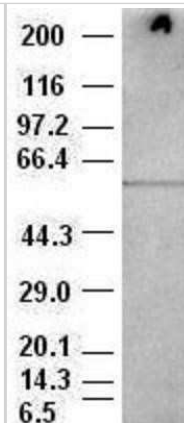
Flow Cytometry: AKT3 Antibody (OTI9B2) - Azide and BSA Free [NBP2-71528] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-AKT3 antibody, and then analyzed by flow cytometry.



Western Blot: AKT3 Antibody (OTI9B2) - Azide and BSA Free [NBP2-71528] - Analysis of extracts (10ug) from 2 different cell lines by using anti-AKT3 monoclonal antibody at 1:200 dilution.



Western Blot: AKT3 Antibody (OTI9B2) - Azide and BSA Free [NBP2-71528] - AKT3 antibody ( 9B2 ) at 1:500 dilution + BALB/C 3T3 cell lysate





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### **Products Related to NBP2-71528**

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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

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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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