

Product Datasheet

AKT3 Antibody (OTI9B2) NBP1-47657

Unit Size: 0.1 ml

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

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Updated 9/9/2025 v.20.1

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NBP1-47657

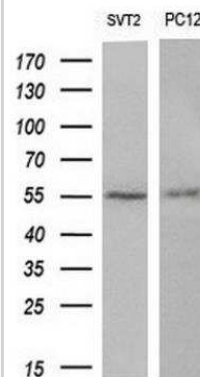
AKT3 Antibody (OTI9B2)

| 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 |

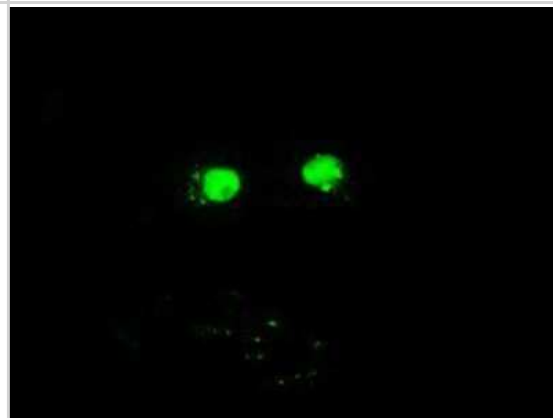


Images

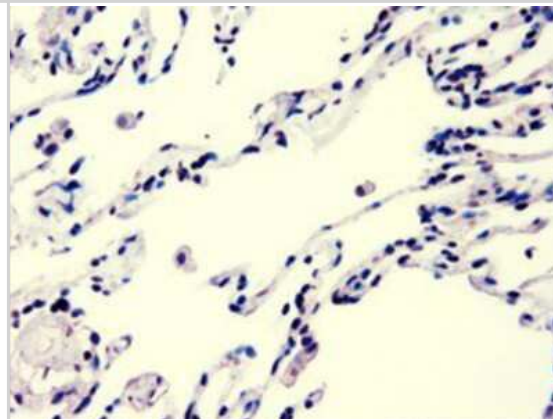
Western Blot: AKT3 Antibody (OTI9B2) [NBP1-47657] - Analysis of extracts (10ug) from 2 different cell lines by using anti-AKT3 monoclonal antibody at 1:200 dilution.



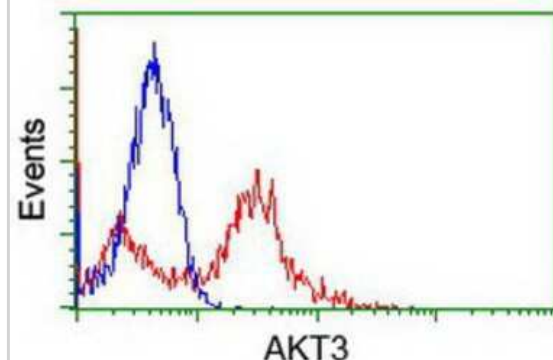
Immunocytochemistry/Immunofluorescence: AKT3 Antibody (9B2) [NBP1-47657] Staining of COS7 cells transiently transfected by pCMV6-ENTRY AKT3.



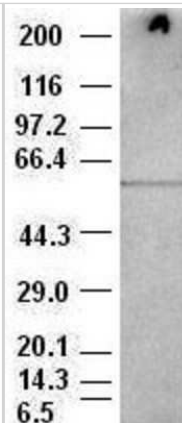
Immunohistochemistry-Paraffin: AKT3 Antibody (9B2) [NBP1-47657] - Staining of paraffin-embedded Human lung tissue using anti-AKT3 mouse monoclonal antibody.



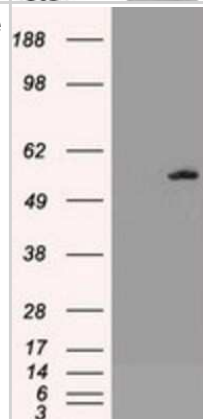
Flow Cytometry: AKT3 Antibody (9B2) [NBP1-47657] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-AKT3 antibody, and then analyzed by flow cytometry.



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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-47657

| | |
|-------------|--|
| 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] |
| NBP1-96777 | Mouse IgG3 Isotype Control (MG3) |

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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