

# Product Datasheet

## STK39 Antibody (OTI4E3) - Azide and BSA Free NBP2-74406

Unit Size: 100 ug

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

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Updated 9/9/2025 v.20.1

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**NBP2-74406**

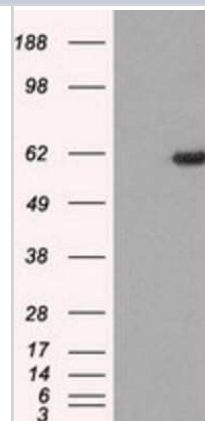
STK39 Antibody (OTI4E3) - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ug                                                                                                                                                                                                                                                                                                                                          |
| Concentration               | LYOPH mg/ml                                                                                                                                                                                                                                                                                                                                     |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                        |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                      |
| Clone                       | OTI4E3                                                                                                                                                                                                                                                                                                                                          |
| 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                     | IgG2b                                                                                                                                                                                                                                                                                                                                           |
| Purity                      | Immunogen affinity purified                                                                                                                                                                                                                                                                                                                     |
| Buffer                      | Lyophilized from PBS (pH 7.3) with 8% Trehalose                                                                                                                                                                                                                                                                                                 |
| Target Molecular Weight     | 59.3 kDa                                                                                                                                                                                                                                                                                                                                        |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                 |
| Description                 | Novus Biologicals Mouse STK39 Antibody (OTI4E3) - Azide and BSA Free (NBP1-48021) 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                     | 27347                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | STK39                                                                                                                                                                                                                                                                                                                                           |
| 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 STK39 (NP_037365) produced in HEK293T cell.                                                                                                                                                                                                                                                      |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                 |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready                                                                                                                                                                                                         |
| Recommended Dilutions       | Western Blot 1:500-1000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:150, CyTOF-ready                                                                                                                                                                        |

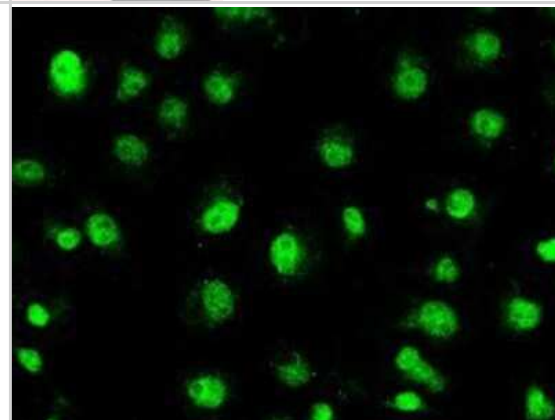


## Images

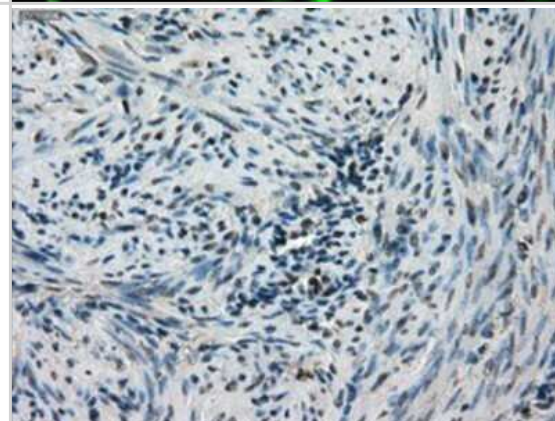
Western Blot: STK39 Antibody (OTI4E3) - Azide and BSA Free [NBP2-74406] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY STK39 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-STK39.



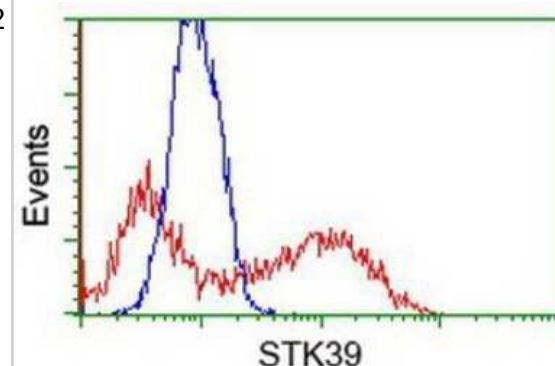
Immunocytochemistry/Immunofluorescence: STK39 Antibody (OTI4E3) - Azide and BSA Free [NBP2-74406] - Staining of COS7 cells using anti-STK39 mouse monoclonal antibody.



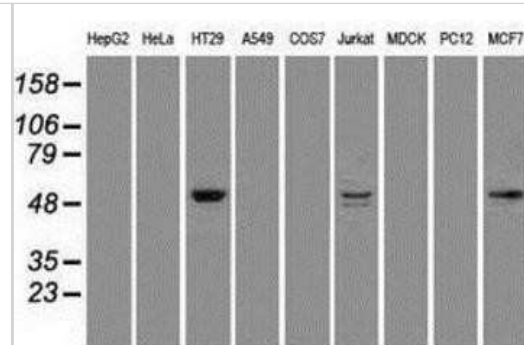
Immunohistochemistry: STK39 Antibody (OTI4E3) - Azide and BSA Free [NBP2-74406] - Staining of paraffin-embedded Human endometrium tissue using anti-STK39 mouse monoclonal antibody.



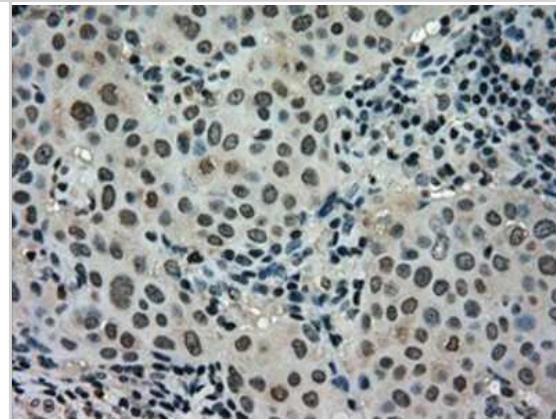
Flow Cytometry: STK39 Antibody (OTI4E3) - Azide and BSA Free [NBP2-74406] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-STK39 antibody, and then analyzed by flow cytometry.



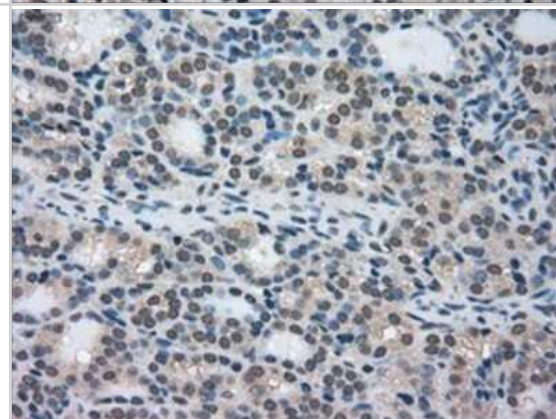
Western Blot: STK39 Antibody (OTI4E3) - Azide and BSA Free [NBP2-74406] - Analysis of extracts (35ug) from 9 different cell lines by using g anti-STK39 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



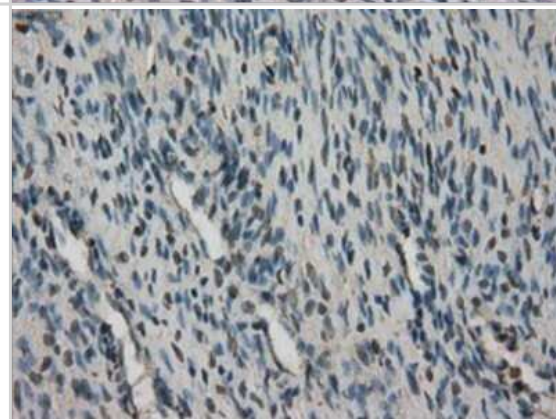
Immunohistochemistry: STK39 Antibody (OTI4E3) - Azide and BSA Free [NBP2-74406] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-STK39 mouse monoclonal antibody.



Immunohistochemistry: STK39 Antibody (OTI4E3) - Azide and BSA Free [NBP2-74406] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-STK39 mouse monoclonal antibody.



Immunohistochemistry: STK39 Antibody (OTI4E3) - Azide and BSA Free [NBP2-74406] - Staining of paraffin-embedded Human Ovary tissue using anti-STK39 mouse monoclonal antibody.





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### **Products Related to NBP2-74406**

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|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP2-27231         | Mouse IgG2b Isotype Control (MPC-11)                    |
| H00027347-Q01-10ug | Recombinant Human STK39 GST (N-Term) Protein            |

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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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