

Product Datasheet

STK39 Antibody (OTI4E3)

NBP1-48021

Unit Size: 0.1 ml

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

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Publications: 1

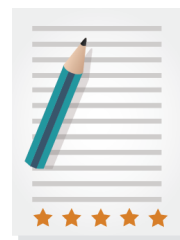
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NBP1-48021

STK39 Antibody (OTI4E3)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4E3
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	59.3 kDa

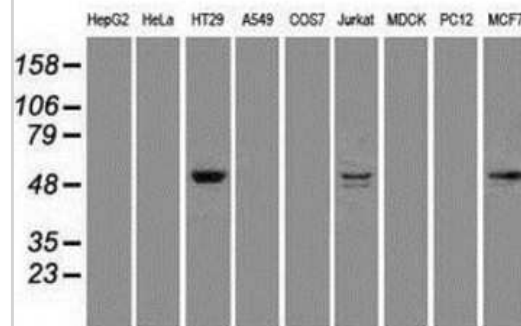
Product Description	
Description	Novus Biologicals Mouse STK39 Antibody (OTI4E3) (NBP1-48021) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-STK39 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	27347
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.
Specificity/Sensitivity	This antibody is specific for Homo sapiens serine threonine kinase 39 (STE20/SPS1 homolog, yeast) (STK39).
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
Recommended Dilutions	Western Blot 1:500-1000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:50

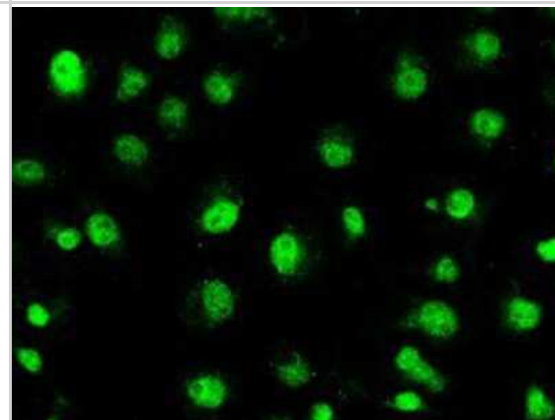


Images

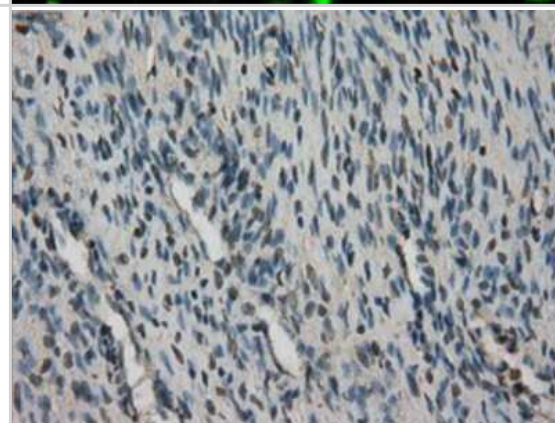
Western Blot: STK39 Antibody (4E3) [NBP1-48021] Analysis of extracts (35ug) from 9 different cell lines by using anti-STK39 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



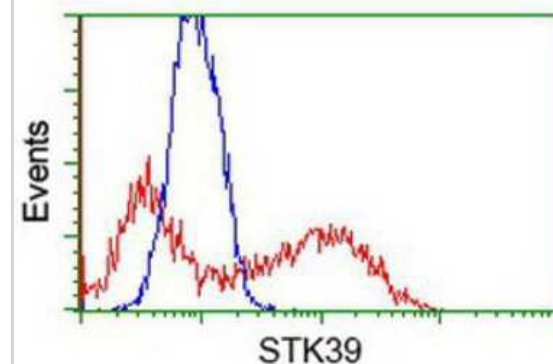
Immunocytochemistry/Immunofluorescence: STK39 Antibody (4E3) [NBP1-48021] - Immunofluorescent staining of COS7 cells using anti-STK39 mouse monoclonal antibody.



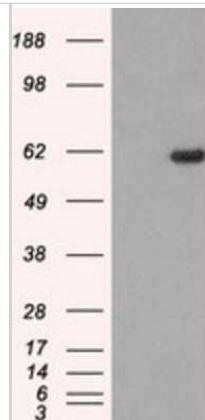
Immunohistochemistry-Paraffin: STK39 Antibody (4E3) [NBP1-48021] - Staining of paraffin-embedded Human Ovary tissue using anti-STK39 mouse monoclonal antibody.



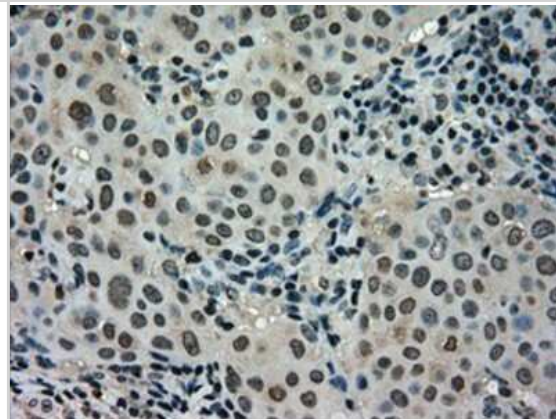
Flow Cytometry: STK39 Antibody (4E3) [NBP1-48021] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-STK39 antibody, and then analyzed by flow cytometry.



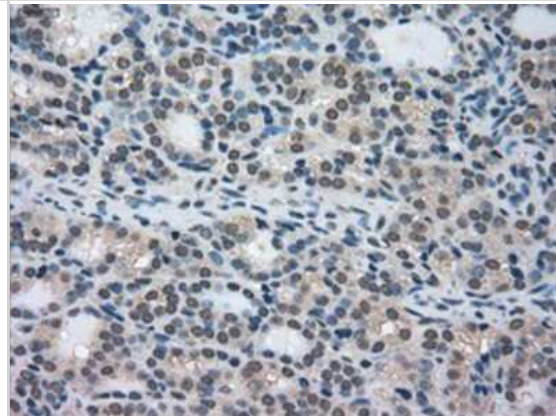
Western Blot: STK39 Antibody (4E3) [NBP1-48021] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY STK39 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-STK39.



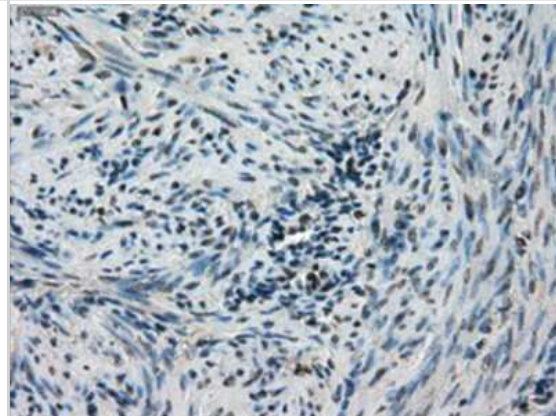
Immunohistochemistry-Paraffin: STK39 Antibody (4E3) [NBP1-48021] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-STK39 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: STK39 Antibody (4E3) [NBP1-48021] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-STK39 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: STK39 Antibody (4E3) [NBP1-48021] - Staining of paraffin-embedded Human endometrium tissue using anti-STK39 mouse monoclonal antibody.



Publications

Zigo M, Kerns K, Sutovsky P The Ubiquitin-Proteasome System Participates in Sperm Surface Subproteome Remodeling during Boar Sperm Capacitation *Biomolecules* 2023-06-15 [PMID: 37371576]



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Products Related to NBP1-48021

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]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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