

# Product Datasheet

## AK3L1 Antibody (OTI3B1) NBP2-00827

Unit Size: 0.1 ml

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

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**NBP2-00827**

AK3L1 Antibody (OTI3B1)

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI3B1
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	25.1 kDa

**Product Description**

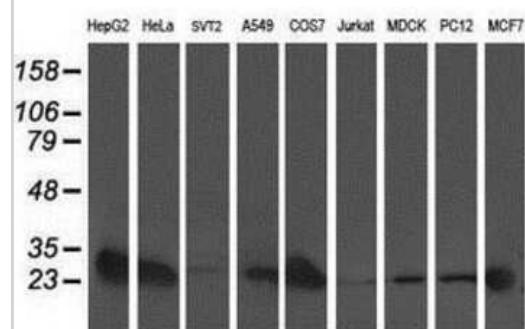
<b>Description</b>	Novus Biologicals Mouse AK3L1 Antibody (OTI3B1) (NBP2-00827) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	205
<b>Gene Symbol</b>	AK4
<b>Species</b>	Human, Mouse, Rat, Canine, Primate, Monkey
<b>Reactivity Notes</b>	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.
<b>Immunogen</b>	Full length human recombinant protein of human AK4(NP_037542) produced in HEK293 cell.

**Product Application Details**

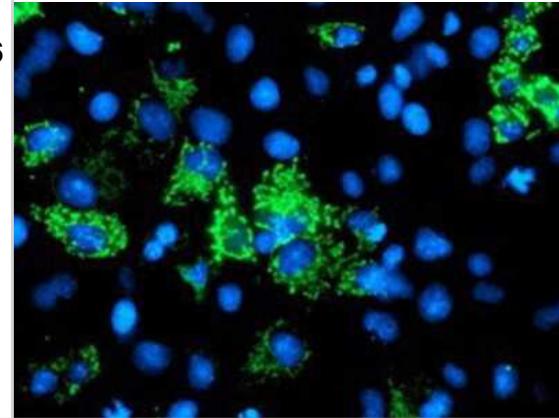
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

## Images

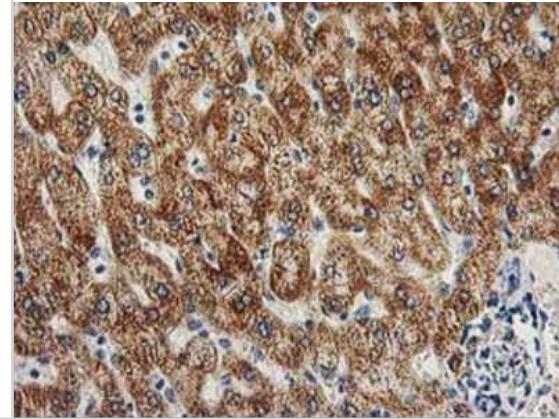
Western Blot: AK3L1 Antibody (3B1) [NBP2-00827] Analysis of extracts (35ug) from 9 different cell lines by using anti-AK3L1 monoclonal antibody.



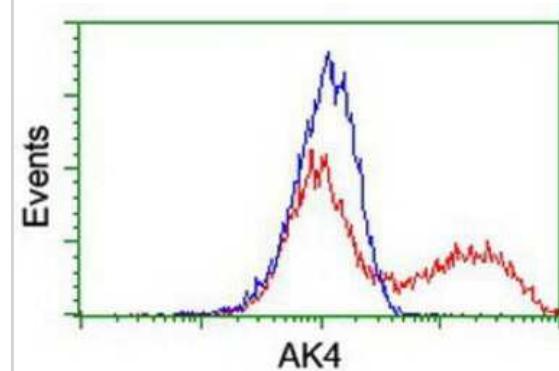
Immunocytochemistry/Immunofluorescence: AK3L1 Antibody (3B1) [NBP2-00827] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY AK3L1.



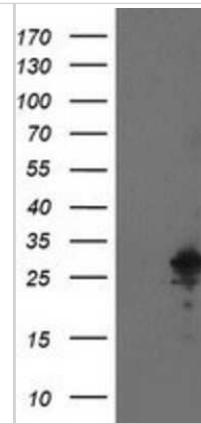
Immunohistochemistry-Paraffin: AK3L1 Antibody (3B1) [NBP2-00827] - Staining of paraffin-embedded Human liver tissue using anti-AK3L1 mouse monoclonal antibody.



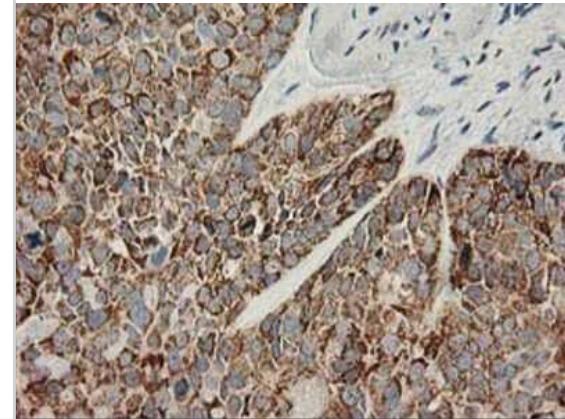
Flow Cytometry: AK3L1 Antibody (3B1) [NBP2-00827] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-AK3L1 antibody, and then analyzed by flow cytometry.



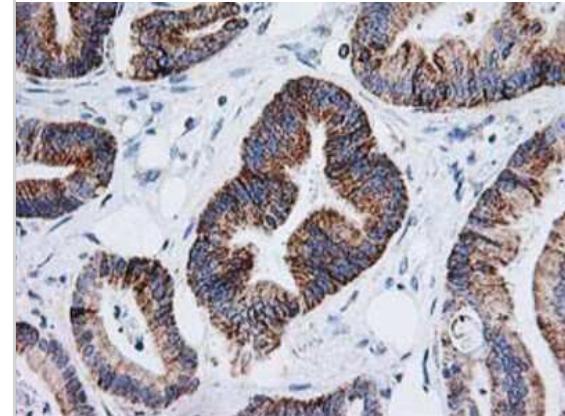
Western Blot: AK3L1 Antibody (3B1) [NBP2-00827] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AK3L1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AK3L1.



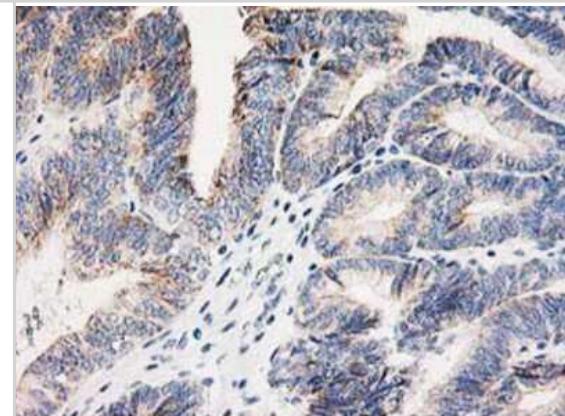
Immunohistochemistry-Paraffin: AK3L1 Antibody (3B1) [NBP2-00827] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-AK3L1 mouse monoclonal antibody.



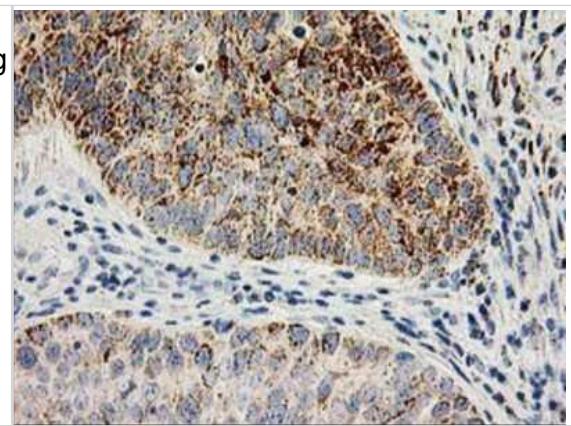
Immunohistochemistry-Paraffin: AK3L1 Antibody (3B1) [NBP2-00827] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-AK3L1 mouse monoclonal antibody.



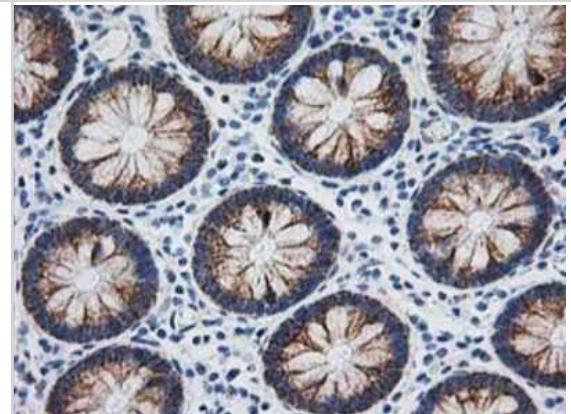
Immunohistochemistry-Paraffin: AK3L1 Antibody (3B1) [NBP2-00827] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-AK3L1 mouse monoclonal antibody.



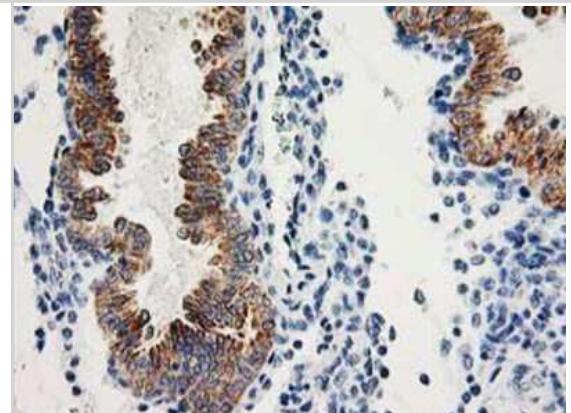
Immunohistochemistry-Paraffin: AK3L1 Antibody (3B1) [NBP2-00827] -  
Staining of paraffin-embedded Carcinoma of Human bladder tissue using  
anti-AK3L1 mouse monoclonal antibody.



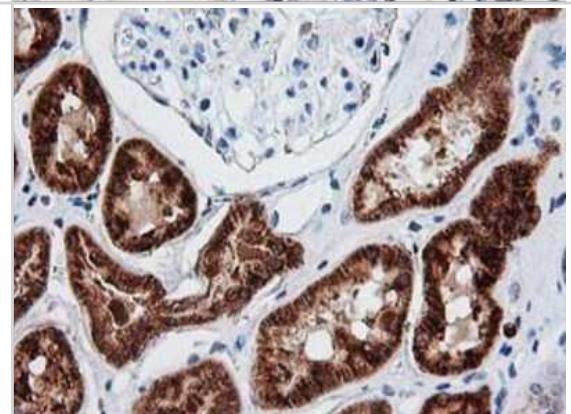
Immunohistochemistry-Paraffin: AK3L1 Antibody (3B1) [NBP2-00827] -  
Staining of paraffin-embedded Human colon tissue using anti-AK3L1  
mouse monoclonal antibody.



Immunohistochemistry-Paraffin: AK3L1 Antibody (3B1) [NBP2-00827] -  
Staining of paraffin-embedded Human endometrium tissue using anti-  
AK3L1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: AK3L1 Antibody (3B1) [NBP2-00827] -  
Staining of paraffin-embedded Human Kidney tissue using anti-AK3L1  
mouse monoclonal antibody.





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## Products Related to NBP2-00827

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-72279-100ug	Recombinant Human AK3L1 His Protein

## 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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