

# Product Datasheet

## BTK Antibody (OTI3A2) - Azide and BSA Free NBP2-70291

Unit Size: 100 ug

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

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**NBP2-70291**

BTK Antibody (OTI3A2) - Azide and BSA Free

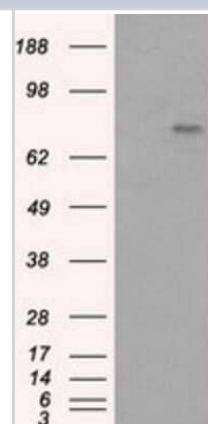
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3A2
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	76.3 kDa

Product Description	
Host	Mouse
Gene ID	695
Gene Symbol	BTK
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 BTK (NP_000052) produced in HEK293T cell.

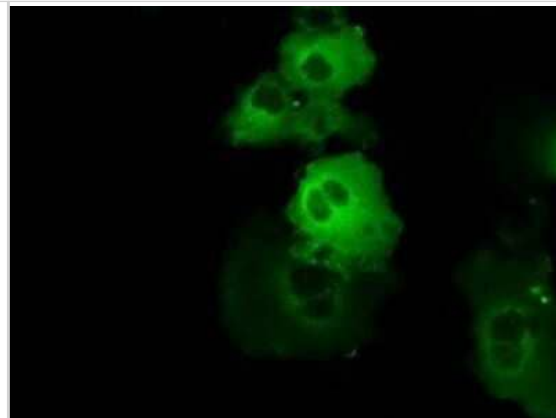
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, CyTOF-ready

**Images**

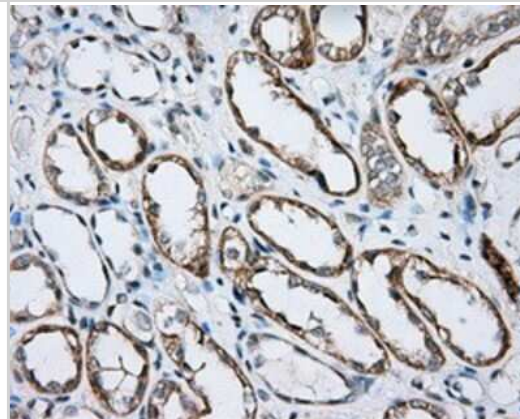
Western Blot: BTK Antibody (OTI3A2) - Azide and BSA Free [NBP2-70291] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY BTK (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BTK.



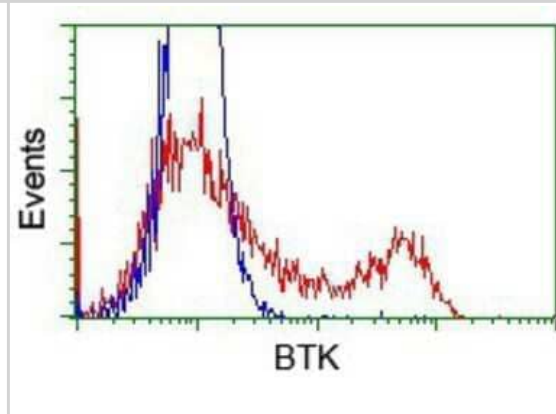
Immunocytochemistry/Immunofluorescence: BTK Antibody (OTI3A2) - Azide and BSA Free [NBP2-70291] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY BTK.



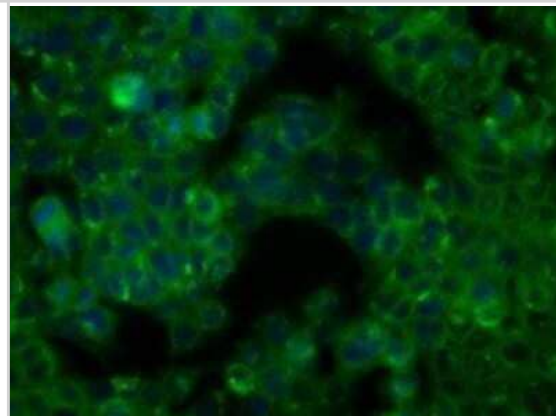
Immunohistochemistry: BTK Antibody (OTI3A2) - Azide and BSA Free [NBP2-70291] - Staining of paraffin-embedded Kidney tissue using anti-BTK mouse monoclonal antibody.



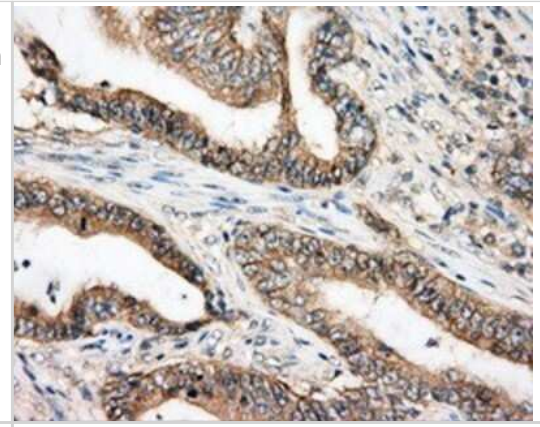
Flow Cytometry: BTK Antibody (OTI3A2) - Azide and BSA Free [NBP2-70291] - HEK293T cells transfected with either pCMV6-ENTRY BTK. (Red) or empty vector control plasmid (Blue) were immunostaining with anti-BTK mouse monoclonal, and then analyzed by flow cytometry.



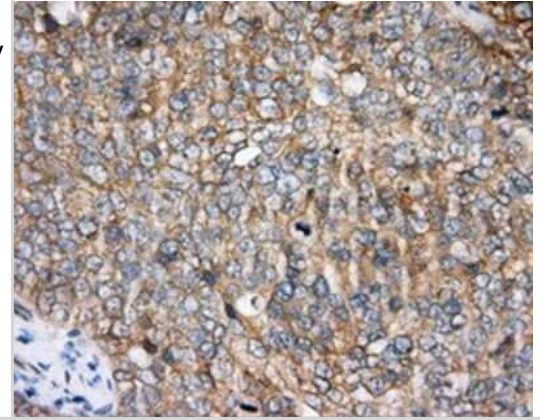
Immunocytochemistry/Immunofluorescence: BTK Antibody (OTI3A2) - Azide and BSA Free [NBP2-70291] - Staining of HT29 cells using anti-BTK mouse monoclonal antibody.



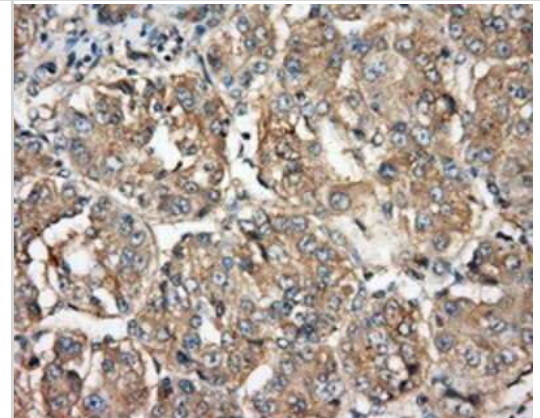
Immunohistochemistry: BTK Antibody (OTI3A2) - Azide and BSA Free [NBP2-70291] - Staining of paraffin-embedded Adenocarcinoma of colon tissue using anti-BTK mouse monoclonal antibody.



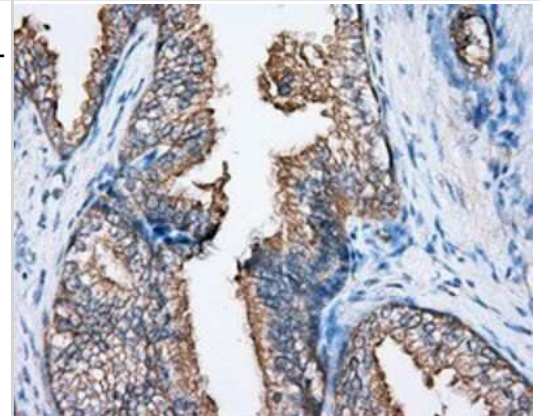
Immunohistochemistry: BTK Antibody (OTI3A2) - Azide and BSA Free [NBP2-70291] - Staining of paraffin-embedded Adenocarcinoma of ovary tissue using anti-BTK mouse monoclonal antibody.



Immunohistochemistry: BTK Antibody (OTI3A2) - Azide and BSA Free [NBP2-70291] - Staining of paraffin-embedded Carcinoma of liver tissue using anti-BTK mouse monoclonal antibody.



Immunohistochemistry: BTK Antibody (OTI3A2) - Azide and BSA Free [NBP2-70291] - Staining of paraffin-embedded prostate tissue using anti-BTK mouse monoclonal antibody.





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### **Products Related to NBP2-70291**

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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)
NBP1-78295PEP	BTK [p Tyr223] 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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