

# Product Datasheet

## B-Raf Antibody (OTI5A9) - Azide and BSA Free NBP2-70260

Unit Size: 100 ug

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

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**NBP2-70260**

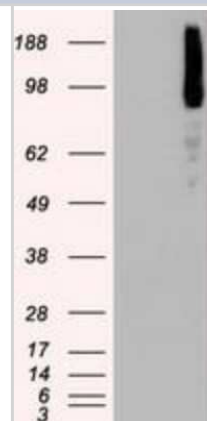
B-Raf Antibody (OTI5A9) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI5A9
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	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.
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Lyophilized from PBS (pH 7.3) with 8% Trehalose
<b>Target Molecular Weight</b>	84.4 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	673
<b>Gene Symbol</b>	BRAF
<b>Species</b>	Human, Mouse, Rat, 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 BRAF (NP_004324) produced in HEK293T cell.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 1:1000-2000, Flow Cytometry 1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation, Immunohistochemistry-Paraffin, CyTOF-ready

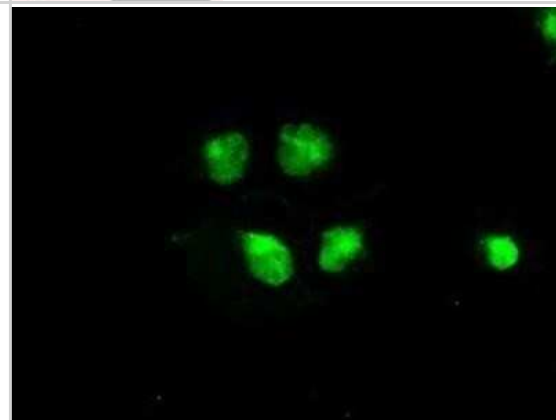


## Images

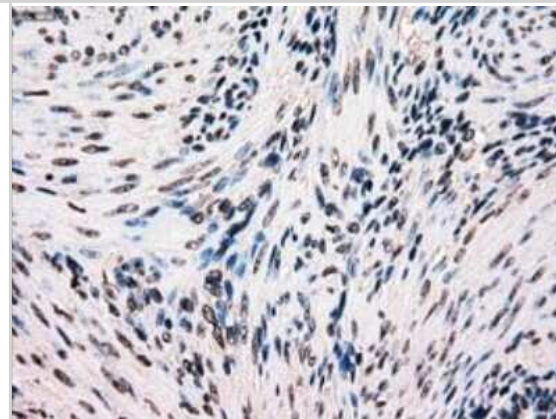
Western Blot: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY BRAF (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with antibody



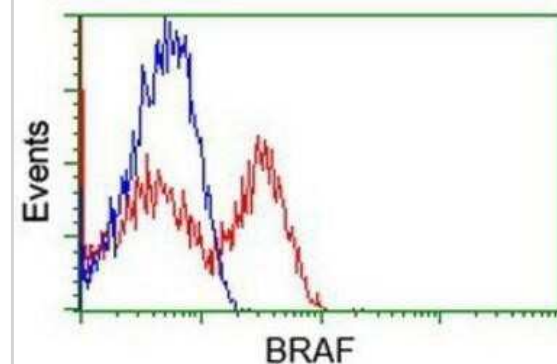
Immunocytochemistry/Immunofluorescence: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY B Raf.



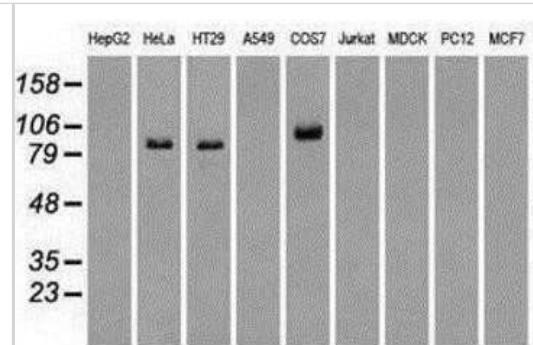
Immunohistochemistry: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - Staining of paraffin-embedded Human pancreas tissue using anti-B Raf mouse monoclonal antibody.



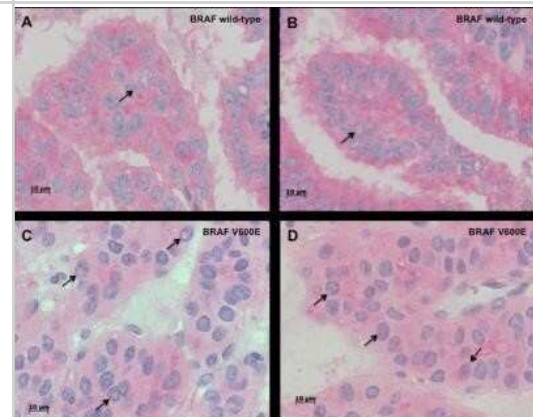
Flow Cytometry: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-B Raf antibody, and then analyzed by flow cytometry.



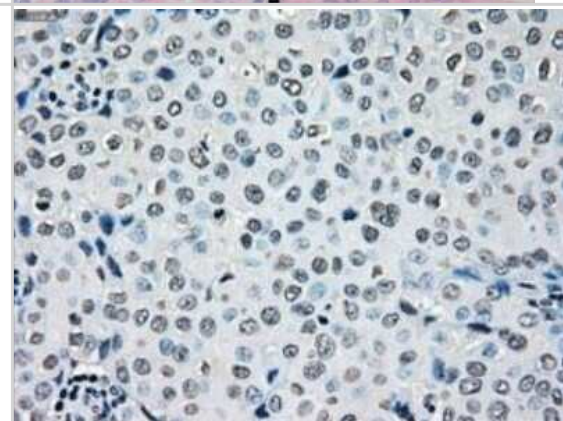
Western Blot: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - Analysis of extracts (35ug) from 9 different cell lines by using anti-B Raf monoclonal antibody.



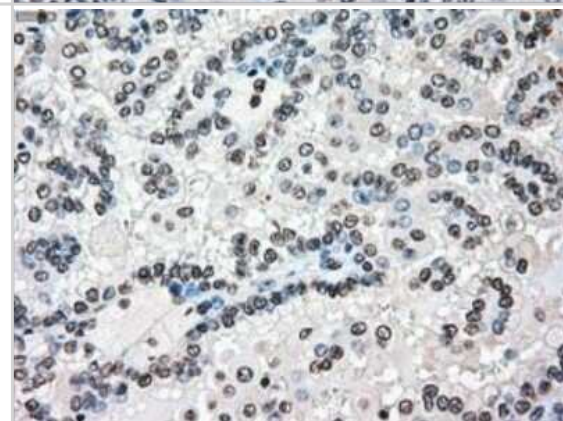
Immunohistochemistry: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - The images depict immunostaining of representative PTC cases harboring BRAF wild-type (A, B) and BRAF V600E mutation (C, D) proven by NGS; varying degrees of immunoreactivity for BRAF is shown both in the intranuclear inclusions (arrows) and in the cytopl



Immunohistochemistry: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-B Raf mouse monoclonal antibody.

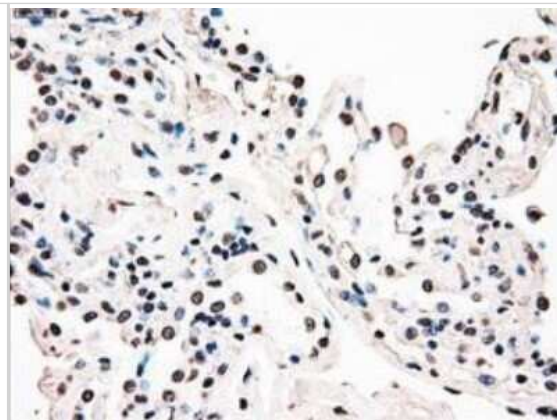


Immunohistochemistry: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-B Raf mouse monoclonal antibody.

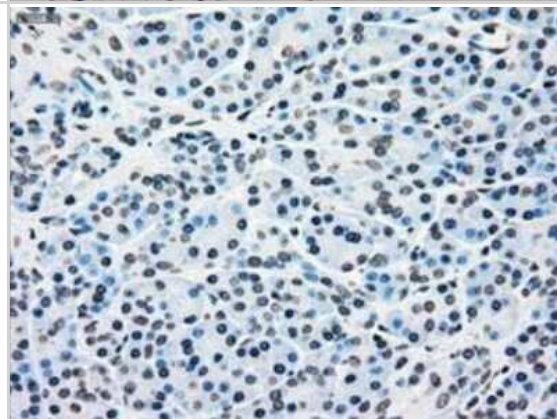




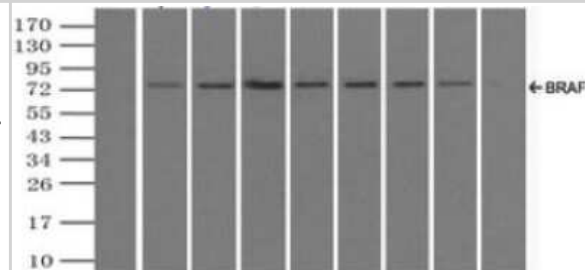
Immunohistochemistry: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - Staining of paraffin-embedded Human endometrium tissue using anti-B Raf mouse monoclonal antibody.



Immunohistochemistry: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - Staining of paraffin-embedded Human lung tissue using anti-B Raf mouse monoclonal antibody.



Immunoprecipitation: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - (Negative control: IP without adding anti-BRAF antibody.). For each experiment, 500ul of DDK tagged BRAF overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-BRAF antibody and 20ul (0.1mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immuno-precipitated products were analyzed with rabbit anti-DDK polyclonal antibody.





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### **Products Related to NBP2-70260**

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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)
NBP2-51931-0.1mg	Recombinant Human B-Raf His 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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