

# Product Datasheet

## B-Raf Antibody (OTI5A9) NBP1-47668

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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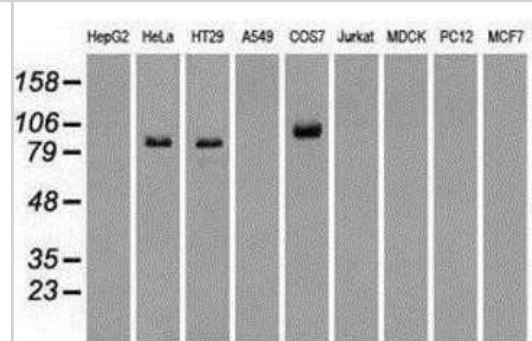
**NBP1-47668**

B-Raf Antibody (OTI5A9)

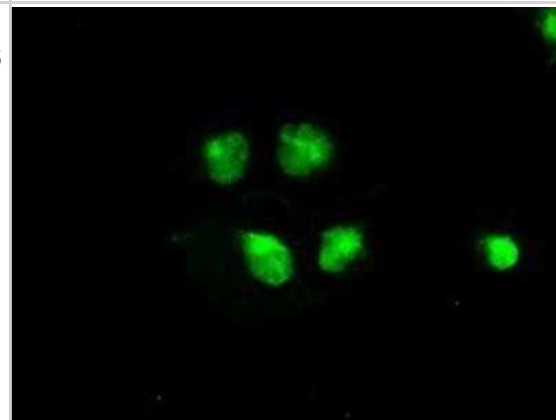
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI5A9
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	84.4 kDa
Product Description	
Description	Novus Biologicals Mouse B-Raf Antibody (OTI5A9) (NBP1-47668) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-B-Raf Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	673
Gene Symbol	BRAF
Species	Human, Mouse, Rat, Monkey
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 v-raf murine sarcoma viral oncogene homolog B1 (BRAF).
Immunogen	Full length human recombinant protein of human BRAF (NP_004324) produced in HEK293T cell.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50

## Images

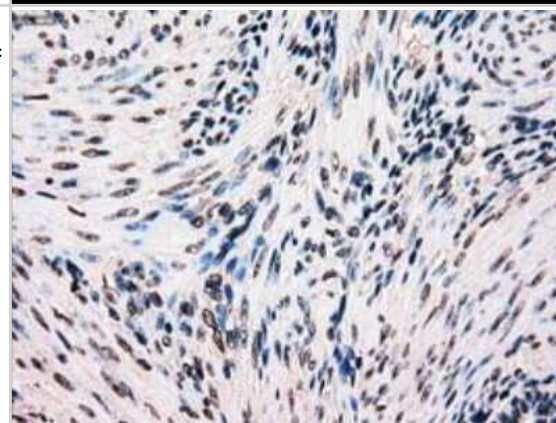
Western Blot: B-Raf Antibody (OTI5A9) [NBP1-47668] - Analysis of extracts (35ug) from 9 different cell lines by using anti-B Raf monoclonal antibody.



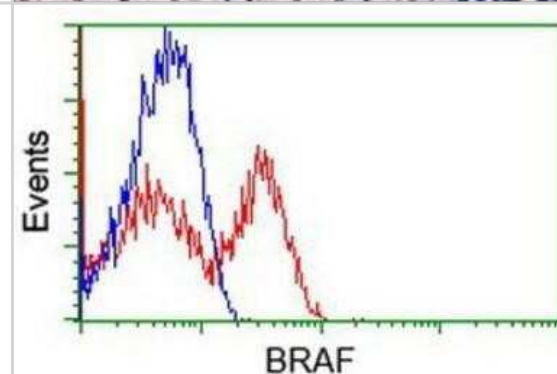
Immunocytochemistry/Immunofluorescence: B-Raf Antibody (OTI5A9) [NBP1-47668] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY B Raf.



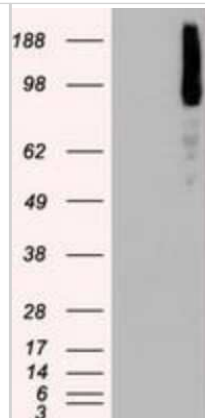
Immunohistochemistry-Paraffin: B-Raf Antibody (OTI5A9) [NBP1-47668] - Staining of paraffin-embedded Human pancreas tissue using anti-B Raf mouse monoclonal antibody.



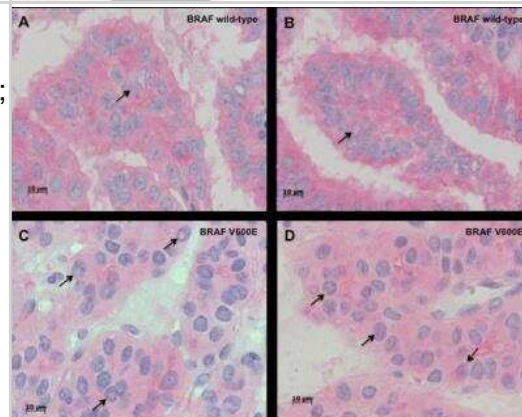
Flow Cytometry: B-Raf Antibody (OTI5A9) [NBP1-47668] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-B Raf antibody, and then analyzed by flow cytometry.



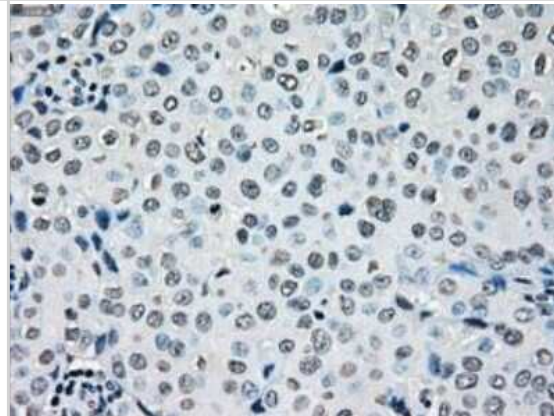
Western Blot: B-Raf Antibody (OTI5A9) [NBP1-47668] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY BRAF (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with antibody



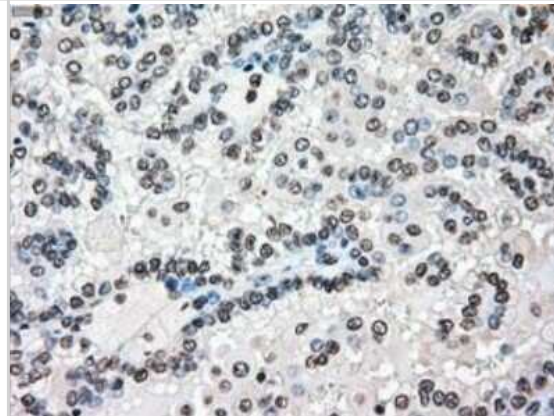
Immunohistochemistry: B-Raf Antibody (OTI5A9) [NBP1-47668] - The images depict immunostaining of representative PTC cases harboring BRAF wild-type (A, B) and BRAF V600E mutation (C, D) proven by NGS; varying degrees of immunoreactivity for BRAF is shown both in the intranuclear inclusions (arrows) and in the cytoplasm. Original magnifications: 1,000 X.



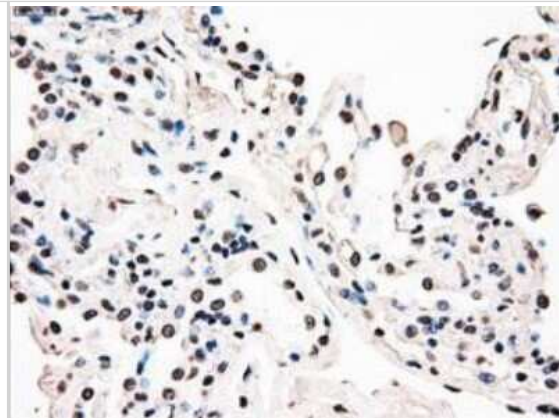
Immunohistochemistry-Paraffin: B-Raf Antibody (OTI5A9) [NBP1-47668] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-B Raf mouse monoclonal antibody.



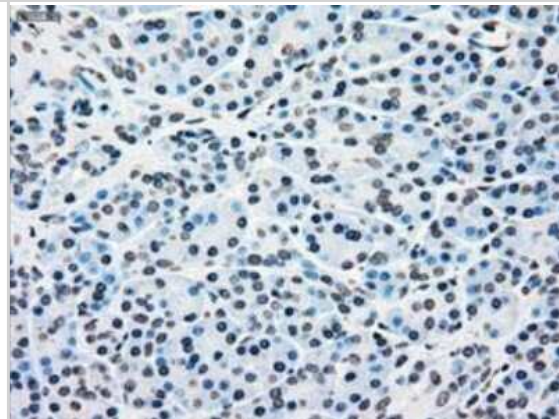
Immunohistochemistry-Paraffin: B-Raf Antibody (OTI5A9) [NBP1-47668] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-B Raf mouse monoclonal antibody.



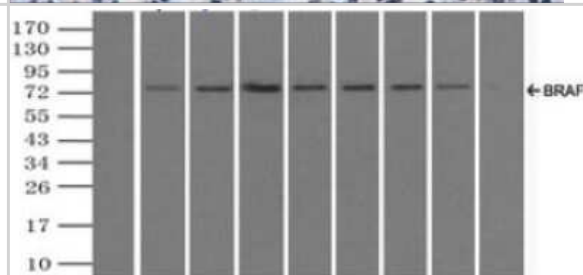
Immunohistochemistry-Paraffin: B-Raf Antibody (OTI5A9) [NBP1-47668]  
- Staining of paraffin-embedded Human endometrium tissue using anti-B Raf mouse monoclonal antibody.



Immunohistochemistry-Paraffin: B-Raf Antibody (OTI5A9) [NBP1-47668]  
- Staining of paraffin-embedded Human lung tissue using anti-B Raf mouse monoclonal antibody.



Immunoprecipitation: B-Raf Antibody (OTI5A9) [NBP1-47668] -  
(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.



## Publications

Shen S, Faouzi S, Bastide A An epitranscriptomic mechanism underlies selective mRNA translation remodelling in melanoma persister cells Nat Commun 2019-12-16 [PMID: 31844050] (WB, Human)



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### **Products Related to NBP1-47668**

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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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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