

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

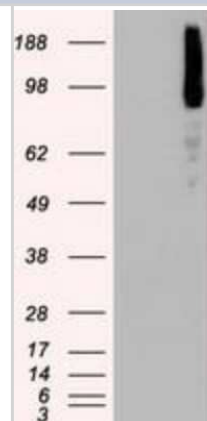
B-Raf Antibody (OTI5A9) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI5A9
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	84.4 kDa
Product Description	
Description	Novus Biologicals Mouse B-Raf Antibody (OTI5A9) - Azide and BSA Free (NBP1-47668) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. 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.
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, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000-2000, Flow Cytometry 1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation, Immunohistochemistry-Paraffin, CyTOF-ready

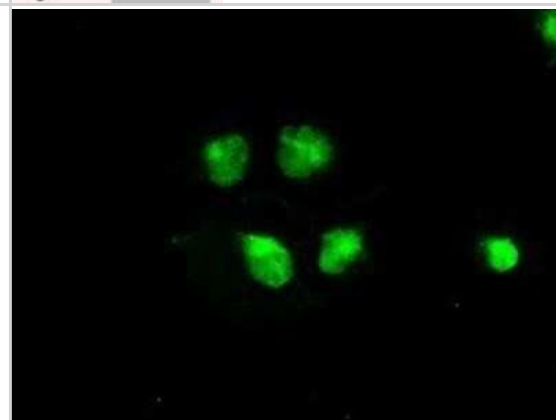


Images

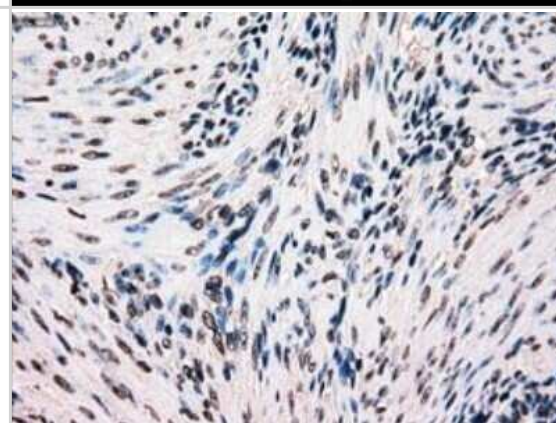
Western Blot: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY BRAF (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted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



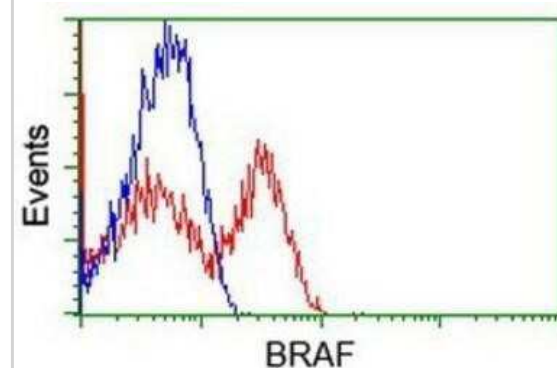
Immunocytochemistry/Immunofluorescence: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY B Raf.



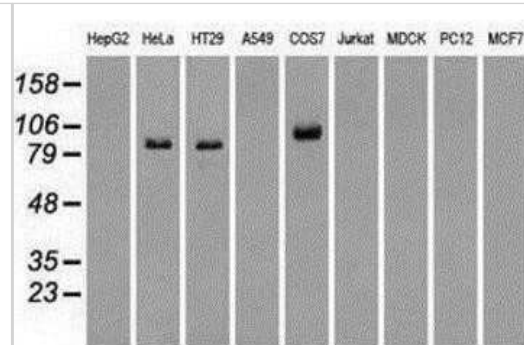
Immunohistochemistry: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - Staining of paraffin-embedded Human pancreas tissue using anti-B Raf mouse monoclonal antibody.



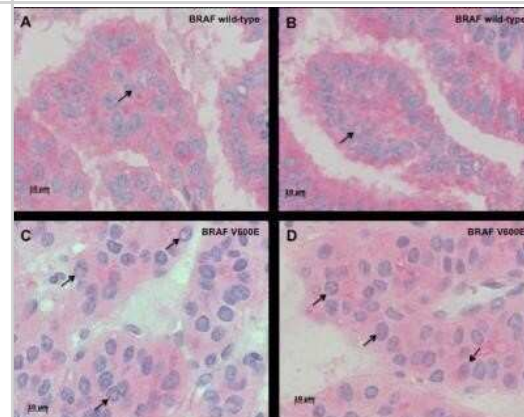
Flow Cytometry: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-B Raf antibody, and then analyzed by flow cytometry.



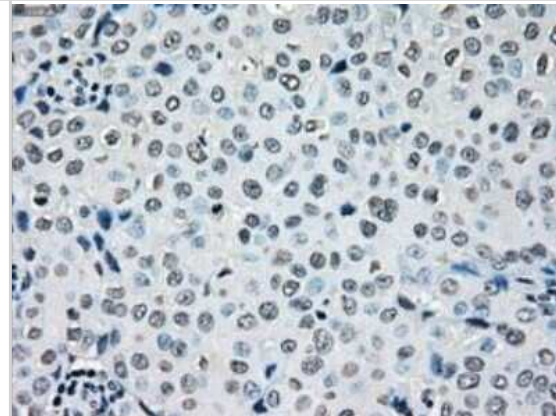
Western Blot: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - Analysis of extracts (35ug) from 9 different cell lines by using anti-B Raf monoclonal antibody.



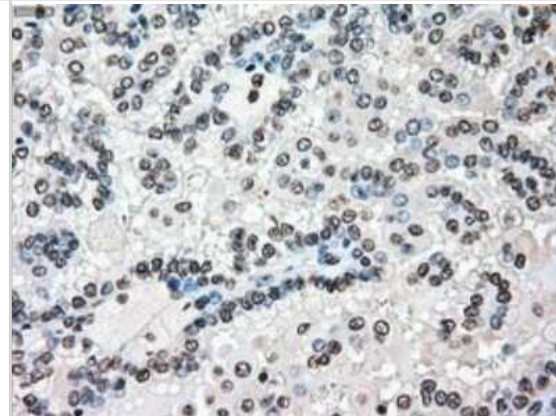
Immunohistochemistry: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - The images depict immunostaining of representative PTC cases harboring BRAF wild-type (A, B) and BRAF V600E mutation (C, D) proven by NGS; varying degrees of immunoreactivity for BRAF is shown both in the intranuclear inclusions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



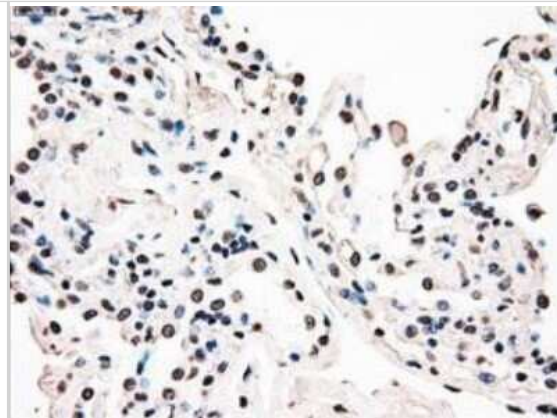
Immunohistochemistry: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-B Raf mouse monoclonal antibody.



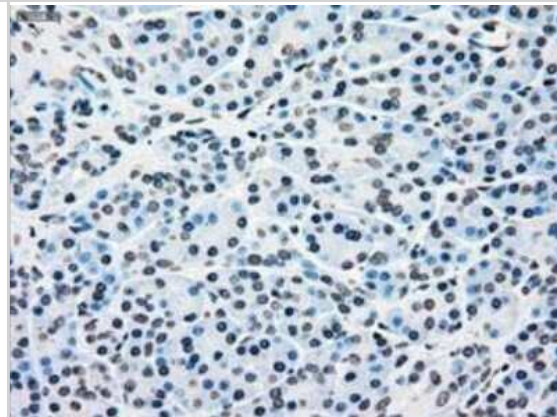
Immunohistochemistry: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-B Raf mouse monoclonal antibody.



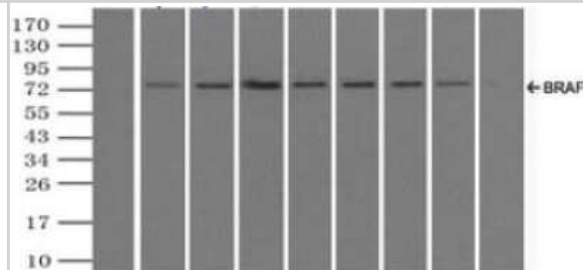
Immunohistochemistry: B-Raf Antibody (OTI5A9) - Azide and BSA Free [NBP2-70260] - Staining of paraffin-embedded Human endometrium tissue using anti-B Raf mouse monoclonal antibody.



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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-70260

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)

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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