

# Product Datasheet

## **B-Raf Antibody (IHC600) - V600-E Mutation NBP3-00517-0.1ml**

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-00517](http://www.novusbio.com/NBP3-00517)

Updated 8/8/2023 v.20.1

**Earn rewards for product  
reviews and publications.**

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP3-00517](http://www.novusbio.com/reviews/destination/NBP3-00517)



**NBP3-00517-0.1ml**

B-Raf Antibody (IHC600) - V600-E Mutation

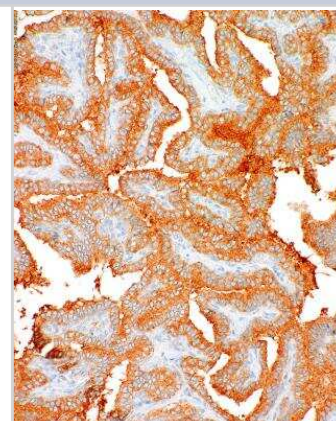
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	IHC600
Preservative	0.1% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A or G purified from cell culture supernatant
Buffer	Tris Buffer, pH 7.3 - 7.7, 1% BSA

Product Description	
Host	Mouse
Gene ID	673
Gene Symbol	BRAF
Species	Human
Immunogen	A peptide covering the V600E mutation.

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:30, Immunohistochemistry-Paraffin 1:30
Application Notes	Visualization of the antigen present in tissue sections is accomplished in a multi-step immunohistochemical staining process, in conjunction with a horseradish peroxidase (HRP) or alkaline phosphatase (AP) linked detection system. Positive control: Colorectal Adenocarcinoma, Thyroid Papillary Carcinoma with the BRAF V600E Mutation.

**Images**

Immunohistochemistry-Paraffin: B-Raf Antibody (IHC600) - V600-E Mutation [NBP3-00517] - Staining of B-Raf Antibody (IHC600) in thyroid papillary carcinoma with BRAF V600-E mutation



## Procedures

### Immunohistochemistry-Paraffin protocol for B-Raf Antibody (NBP3-00517)

Immunohistochemistry-Paraffin Protocol for B-Raf Antibody (NBP3-00517): [https://www.novusbio.com/products/b-raf-antibody-ihc600\\_nbp3-00517](https://www.novusbio.com/products/b-raf-antibody-ihc600_nbp3-00517)

#### Immunohistochemistry Protocol

#### Specimen Collection and Preparation for Analysis

Each tissue section should be fixed with 10% neutral buffered formalin, cut to the applicable thickness (4um), and placed on a glass slide that is positively charged. The prepared slide may then be baked for a minimum of 30 minutes in a 53-65 degrees C oven (do not exceed 24 hours).

#### Recommended Staining Protocols

##### Manual Use:

1. Blocking: If HRP is used, block with peroxidase blocking solution for 10 to 15 minutes at room temperature. Use alkaline phosphatase blocking solution if using an AP system.
2. Primary Antibody: Apply antibody directly (Predilute) or dilute antibody at 1:30 (Concentrate) before applying. Incubate antibody for 30 to 60 minutes at room temperature or overnight at 4C.
3. Secondary Antibody: Incubate for 20 to 30 minutes at room temperature.
4. Substrate Development: Incubate DAB or Fast Red for 5 to 10 minutes at room temperature.
5. Counterstain: Counterstain with hematoxylin for 0.5 to 5 minutes, depending on the hematoxylin used. Rinse with distilled water and bluing solution for 30 seconds.
6. Dehydrate and apply coverslip.

For all automated IHC staining systems, refer to the corresponding user manual for specific instructions.





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-00517-0.1ml**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-51931-0.1mg	Recombinant Human B-Raf 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP3-00517](http://www.novusbio.com/reviews/submit/NBP3-00517)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

