

# Product Datasheet

## B-Raf Antibody (CL4003) - Azide and BSA Free NBP3-44117

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-44117**

B-Raf Antibody (CL4003) - Azide and BSA Free

**Product Information**

|                                    |                                                                                                                                                                                |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 100 ug                                                                                                                                                                         |
| <b>Concentration</b>               | LYOPH mg/ml                                                                                                                                                                    |
| <b>Storage</b>                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                         |
| <b>Clonality</b>                   | Monoclonal                                                                                                                                                                     |
| <b>Clone</b>                       | CL4003                                                                                                                                                                         |
| <b>Preservative</b>                | No Preservative                                                                                                                                                                |
| <b>Reconstitution Instructions</b> | Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml. |
| <b>Isotype</b>                     | IgG1                                                                                                                                                                           |
| <b>Purity</b>                      | Protein A purified                                                                                                                                                             |
| <b>Buffer</b>                      | Lyophilized from a 0.2 um filtered solution in PBS with Trehalose                                                                                                              |

**Product Description**

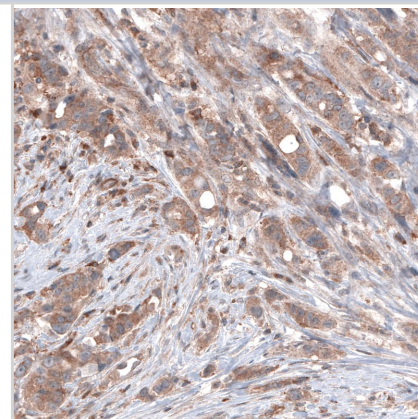
|                    |                                                                                                                                      |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>        | Mouse                                                                                                                                |
| <b>Gene ID</b>     | 673                                                                                                                                  |
| <b>Gene Symbol</b> | BRAF                                                                                                                                 |
| <b>Species</b>     | Human                                                                                                                                |
| <b>Immunogen</b>   | This antibody was generated using a recombinant protein sequence of P15056, with the exact immunogen sequence remaining proprietary. |

**Product Application Details**

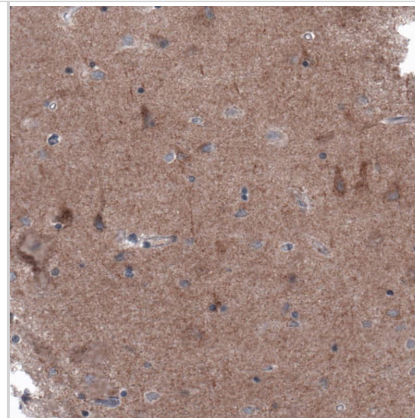
|                              |                                                                   |
|------------------------------|-------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin                       |
| <b>Recommended Dilutions</b> | Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended.             |

**Images**

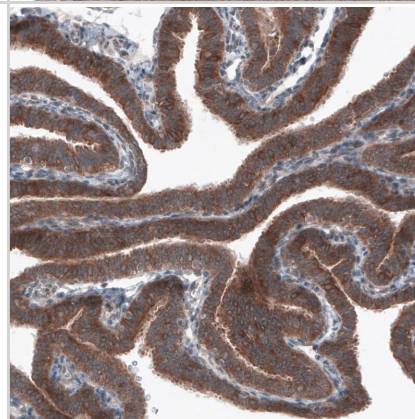
Staining of human breast cancer shows moderate cytoplasmic positivity in tumor cells.



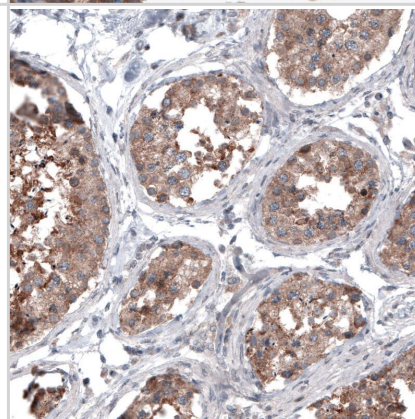
Staining of human cerebral cortex shows moderate positivity in neuropil and cytoplasmic staining in some neurons.



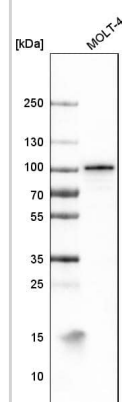
Staining of human fallopian tube shows strong cytoplasmic immunoreactivity in glandular cells.



Staining of human testis shows strong cytoplasmic immunoreactivity in seminiferous tubules.



Analysis in human cell line MOLT-4.





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### **Products Related to NBP3-44117**

|                  |                                                         |
|------------------|---------------------------------------------------------|
| NBP2-33376H      | Blue Marker Antibody (6F4-F6) [HRP]                     |
| 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)                        |

### **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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