

# Product Datasheet

## BRAF V600E Antibody (VE1)

### NBP2-29501

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NBP2-29501****BRAF V600E Antibody (VE1)**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	VE1
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris (pH 7.5) and 0.3% carrier protein
<b>Target Molecular Weight</b>	95 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human
<b>Immunogen</b>	Synthetic peptide representing the BRAF V600E mutated amino acid sequence from amino acid 596 to 606 (GLATEKSRWSG).
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:50, Immunohistochemistry 1:50, Immunohistochemistry-Paraffin 1:50
<b>Application Notes</b>	This BRAF V600E (Clone VE1) antibody is useful for Western blot and Immunohistochemistry-Paraffin applications. In WB, a target band for BRAF V600E mutated protein may be seen at its predicted molecular weight position of ~95 kD, only in the mutated tumors/cells. An additional band at ~75 kD may also be detected in the mutated samples which has been suggested as the splice variant of BRAF that includes the mutated kinase domain. For additional information / images on the validation of this antibody in IHC-P and WB application, the customer may follow the research publication by the inventor of this antibody: Capper et al. 2011 Acta Neuropathol 122(1):11-9. PMID: 21638088





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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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