

# Product Datasheet

## Raf-1 [p Ser338] Antibody (pS338 (DPR/2/2A/3A)) NB100-66305

Unit Size: 0.1 mg

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

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**NB100-66305**

Raf-1 [p Ser338] Antibody (pS338 (DPR/2/2A/3A))

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	pS338 (DPR/2/2A/3A)
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4)
Product Description	
Host	Rat
Gene ID	5894
Gene Symbol	RAF1
Species	Human
Specificity/Sensitivity	NB100-66305 recognizes activated Raf-1, binding to the phosphorylated serine residue at position 338. The antibody binds to Raf-1 that has been activated by Ras or Src, but not to unactivated Raf-1. The antibody does not bind to Raf peptides phosphorylated at other sites, including Y341 and S339.
Immunogen	Synthetic peptide GQRDS*SY*WEIEAS coupled to glutaraldehyde
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:100-1:1000
Application Notes	NB100-66305 may be used for Western blotting detection of activated Raf-1 as described by Mason et al. (1999). For the detection of phosphoproteins, serine phosphatase inhibitors such as 10mM Sodium Fluoride should be added to the sample buffer. Milk or other caseinbased blocking solutions are not recommended as casein is a phosphoprotein and its use can result in high background.

**Publications**

Chiloeches, A et al. (2001) S338 phosphorylation of Raf-1 is independent of phosphatidylinositol 3-kinase and Pak3. 2001-01-01 [PMID: 11259591]

Mason, CS et al. (1999) Serine and tyrosine phosphorylations co-operate in Raf-1, but not B-Raf activation. 1999-01-01 [PMID: 10205168] (WB)





### **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

### **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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