

# Product Datasheet

## IKK gamma Antibody (46B844) NB100-56532

Unit Size: 0.1 mg

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

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



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

### Publications: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-56532](http://www.novusbio.com/NB100-56532)

Updated 10/23/2024 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/NB100-56532](http://www.novusbio.com/reviews/destination/NB100-56532)



**NB100-56532**

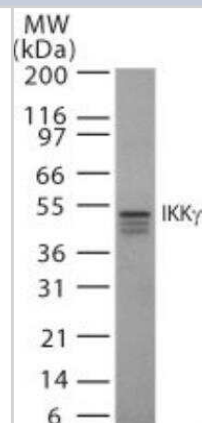
IKK gamma Antibody (46B844)

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 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>	46B844
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS containing 0.05% BSA
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	8517
<b>Gene Symbol</b>	IKBKG
<b>Species</b>	Human
<b>Immunogen</b>	Full-length human IKK gamma protein.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry
<b>Recommended Dilutions</b>	Western Blot 2 ug/ml, Flow Cytometry 1:10-1:1000
<b>Application Notes</b>	A 48 kDa band is observed.

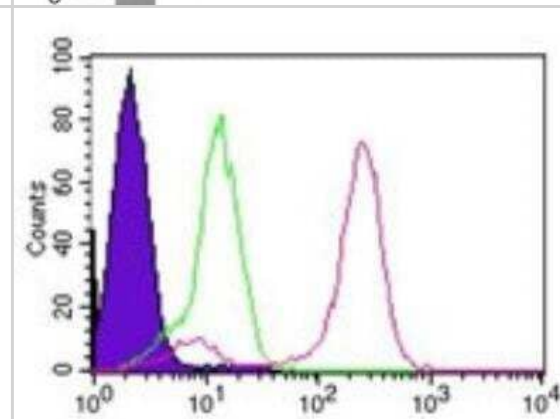


## Images

Western Blot: IKK gamma Antibody (46B844) [NB100-56532] - Analysis using NEMO (IKKgamma) antibody. Lysate from human Jurkat cells probed with NEMO antibody at 2 ug/ml. The goat anti-mouse IgG1 HRP secondary and PicoTect ECL substrate solution were used for this test.



Flow Cytometry: IKK gamma Antibody (46B844) [NB100-56532] - Human Jurkat cells were probed using 0.1 ug of NEMO antibody (red) and 0.1 ug of isotype control (green), with shaded histogram representing cells alone and an anti-mouse IgG-FITC secondary antibody.



## Publications

Harikumar KB, Sung B, Pandey MK et al. Escin, a pentacyclic triterpene, chemosensitizes human tumor cells through inhibition of nuclear factor-kappaB signaling pathway *Mol Pharmacol* 2010-05-01 [PMID: 20103608] (WB)

### Details:

This citation used the Alexa Fluor 488 version of this antibody.

Harhaj EW, Good L, Xiao G et al. Somatic mutagenesis studies of NF-kappa B signaling in human T cells: evidence for an essential role of IKK gamma in NF-kappa B activation by T-cell costimulatory signals and HTLV-I Tax protein. *Oncogene*. 2000-03-09 [PMID: 10723136]

Harhaj EW, Sun SC. IKKgamma serves as a docking subunit of the IkappaB kinase (IKK) and mediates interaction of IKK with the human T-cell leukemia virus Tax protein. *J Biol Chem*. 1999-08-13 [PMID: 10438454]

Xiao G, Harhaj EW, Sun SC. Domain-specific interaction with the I kappa B kinase (IKK)regulatory subunit IKK gamma is an essential step in tax-mediated activation of IKK. *J Biol Chem*. 2000-11-03 [PMID: 10906125]

Miller BS, Zandi E. Complete reconstitution of human IkappaB kinase (IKK) complex in yeast. Assessment of its stoichiometry and the role of IKKgamma on the complex activity in the absence of stimulation. *J Biol Chem*. 2001-09-28 [PMID: 11470787]



### **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 NB100-56532**

---

NBP2-26504	IKK gamma Inhibitor Peptide Set
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.

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/NB100-56532](http://www.novusbio.com/reviews/submit/NB100-56532)

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

