

# Product Datasheet

## Bub1 Antibody (4C3-4C9) - Azide and BSA Free H00000699-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[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/H00000699-M01](http://www.novusbio.com/H00000699-M01)

Updated 2/21/2025 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/H00000699-M01](http://www.novusbio.com/reviews/destination/H00000699-M01)



**H00000699-M01**

Bub1 Antibody (4C3-4C9) - Azide and BSA Free

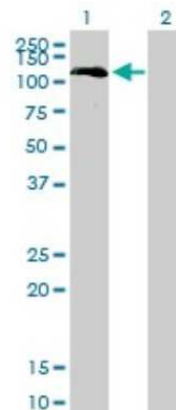
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4C3-4C9
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	699
Gene Symbol	BUB1
Species	Human
Specificity/Sensitivity	BUB1 - BUB1 budding uninhibited by benzimidazoles 1 homolog (yeast)
Immunogen	BUB1 (AAH28201.1, 1 a.a. ~ 1085 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MDTPENVLQMLEAHMQSYKGNLPLGVWERYIQWVEENFPENKEYLITLLEHL MKEFLDKKKYHNDPRFISYCLKFAEYNSDLRQFFFLYNHGIGTLSSPLYIAWA GHLEAQGELQHASAVLQRGIQNQAEPREFLQQQYRLFQTRLTETHLPAQARTS EPLHNVQVLNQMITSKSNPGNNMACISKNQSGELSGVISSACDKESNMERRVI TISKSEYSVHSSLASKVDVEQVVMYCKEKLIRGESEFSFEELRAQKYNQRRKH EQWVNEDRHYMKRKEANAFEEQLLKQKMDLHKKLHQVVETSHEDLPASQE RSEVNPARGPSVGSQQELRAPCLPVTYQQTPVNMEKNPREAPPVVPPLANA ISAALVSPATSQSIAPPVPLKAQTVTDSMFVASKDAGCVNKSTHEFKPQSGAE IKEGCETHKVANTSSFHTTPNTSLGMVQATPSKVQPSPTVHTKEALGFIMNMF QAPTLPDISDDKDEWQSLDQNEFAEAQFQKNVRSSGAWGVNKISSLSSAFH VFEDGNKENYGLPQPKNKPTGARTFGERSVSRLPSPKPEEVPHAEFLDDSTV WGIRCNKTLAPSPKSPGDFTSAAQLASTPFHKL PVESVHILEDKENVVAQCTQ ATLDSCEENMVVPSRDGKFSPIQEKSPKQALSSHMYASLLRLSQAAGGVLT CEAELGVEACRLTDTDAIAEDPPDAIAGLQAEWMQMSSLGTVDAPNFIVGNP WDDKLIFKLLSGLSKPVSSYPNTFEWQCKLPAIKPKTEFQLGSKLVYVHLLGE GAFAQVYEATQGDLDNAKNKQKFLVKVQK PANPWEFYIGTQLMERLKPSMQH MFMKFYSAHLFQNGSVLVGELYSYGTLLNAINLYKNTPEKVMPQGLVISFAMR MLYMIEQVHDCIIHGDIKPDNFILGNGFLEQDDEDDL SAGLALIDLGQSIDMKLF PKGTIFTAKCETSGFQCVEMLSNKPWNYQIDYFGVAATVYCMLFGTYMKVKNE GGECKPEGLFRRLPHLDMWNEFFHVMLNIPDCHHLPSLDLLRQKLKKVFQQHY TNKIRALRNRLIVLLLECKRSRK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA



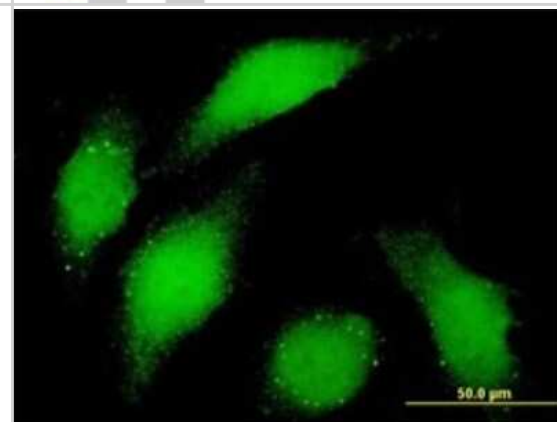
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
<b>Application Notes</b>	Antibody reactivity against recombinant protein with GST tag on ELISA and WB. GST tag alone is used as a negative control. It has been use for IF.

## Images

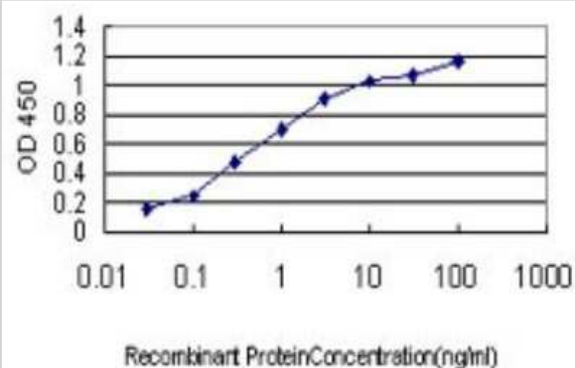
Western Blot: Bub1 Antibody (4C3-4C9) [H00000699-M01] - Analysis of BUB1 expression in transfected 293T cell line by BUB1 monoclonal antibody (M01), clone 4C3-4C9. Lane 1: BUB1 transfected lysate(122.4 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: Bub1 Antibody (4C3-4C9) [H00000699-M01] - Analysis of monoclonal antibody to BUB1 on HeLa cell . Antibody concentration 10 ug/ml.



Sandwich ELISA: Bub1 Antibody (4C3-4C9) [H00000699-M01] - Detection limit for recombinant GST tagged BUB1 is approximately 0.03ng/ml as a capture antibody.





### 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 H0000699-M01

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H0000699-Q01-10ug	Recombinant Human Bub1 GST (N-Term) 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/H0000699-M01](http://www.novusbio.com/reviews/submit/H0000699-M01)

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

