

# Product Datasheet

## BubR1 Antibody (2G5) - Azide and BSA Free H00000701-M02

Unit Size: 0.1 mg

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

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**H00000701-M02**

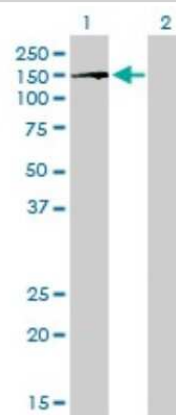
BubR1 Antibody (2G5) - Azide and BSA Free

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	2G5
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	701
Gene Symbol	BUB1B
Species	Human
Specificity/Sensitivity	BUB1B - BUB1 budding uninhibited by benzimidazoles 1 homolog beta (yeast)
Immunogen	BUB1B (AAH18739, 1 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAAVKKEGGALSEAMSLEGDEWELSKENVQPLRQGRIMSTLQGALAQESACN NTLQQQKRAFEYEIRFYTGNDPLDVWDYISWTEQNYPQGGKESNMSTLLER AVEALQGEKRYYS DPRFLNLWLKLGR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Sandwich ELISA, Knockdown Validated
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IHC-P, RNAi Validation and ELISA.

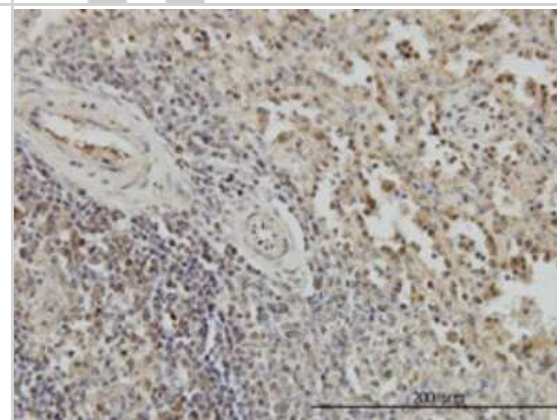


## Images

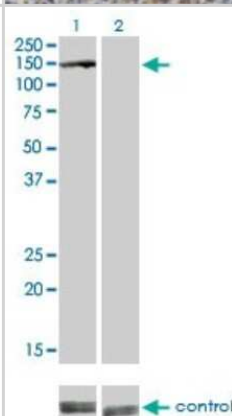
Western Blot: BubR1 Antibody (2G5) [H00000701-M02] - Analysis of BUB1B expression in transfected 293T cell line by BUB1B monoclonal antibody (M02), clone 2G5. Lane 1: BUB1B transfected lysate (119.5 KDa). Lane 2: Non-transfected lysate.



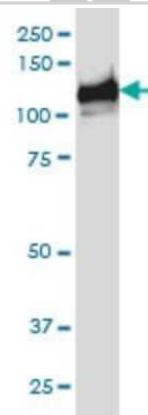
Immunohistochemistry-Paraffin: BubR1 Antibody (2G5) [H00000701-M02] - Analysis of monoclonal antibody to BUB1B on formalin-fixed paraffin-embedded human spleen. Antibody concentration 3 ug/ml.



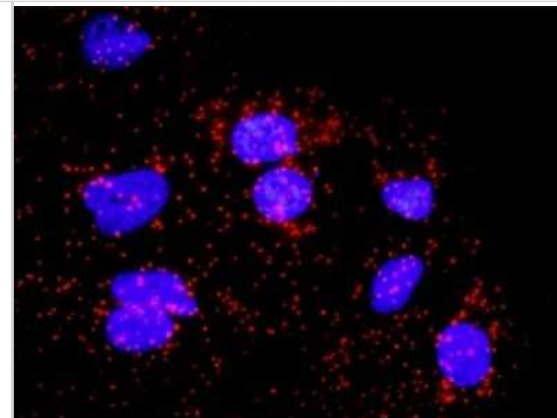
Western Blot: BubR1 Antibody (2G5) [H00000701-M02] - Analysis of BUB1B over-expressed 293 cell line, cotransfected with BUB1B Validated Chimera RNAi ( Cat # H00000701-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with BUB1B monoclonal antibody (M02) clone 2G5 (Cat # H00000701-M02 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.



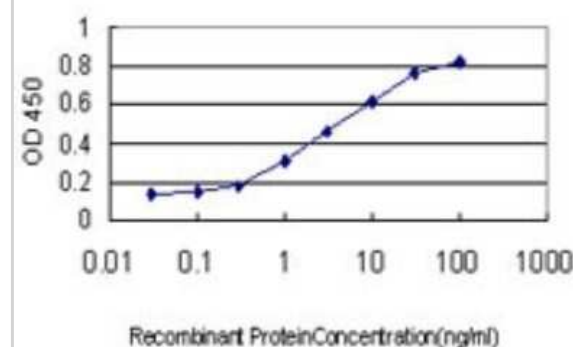
Western Blot: BubR1 Antibody (2G5) [H00000701-M02] - BUB1B monoclonal antibody (M02), clone 2G5 Analysis of BUB1B expression in Hela S3 NE.



**Proximity Ligation Assay: BubR1 Antibody (2G5) [H00000701-M02]** - Analysis of protein-protein interactions between CDC20 and BUB1B. HeLa cells were stained with anti-CDC20 rabbit purified polyclonal 1:1200 and anti-BUB1B mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



**Sandwich ELISA: BubR1 Antibody (2G5) [H00000701-M02]** - Detection limit for recombinant GST tagged BUB1B is approximately 0.03ng/ml as a capture antibody.



## Publications

Gurvits N, Repo H, Loytyniemi E et al. Prognostic implications of securin expression and sub-cellular localization in human breast cancer. Cell Oncol (Dordr) 2016-08-01 [PMID: 26984614]



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### **Products Related to H00000701-M02**

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)
H00000701-P01-10ug	Recombinant Human BubR1 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.

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