

# Product Datasheet

## BubR1 Antibody (8G1) - Azide and BSA Free NBP2-80606

Unit Size: 0.1 ml

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

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**NBP2-80606**

BubR1 Antibody (8G1) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8G1
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	120 kDa

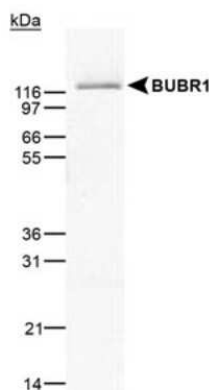
Product Description	
Description	Novus Biologicals Mouse BubR1 Antibody (8G1) - Azide and BSA Free (NB100-353) is a monoclonal antibody validated for use in WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	701
Gene Symbol	BUB1B
Species	Human, Mouse
Immunogen	A portion of human BubR1 tagged at the N-terminus with pMAL (residues 1-350). [UniProt# O60566]

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000-1:5000, Flow Cytometry 1 ug per million cells, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation 1:10-1:500, CyTOF-ready
Application Notes	This BubR1 (8G1) antibody is useful for Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation and Western blot. By WB, this antibody recognizes a band at ~120 kDa. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors. This antibody is CyTOF ready.

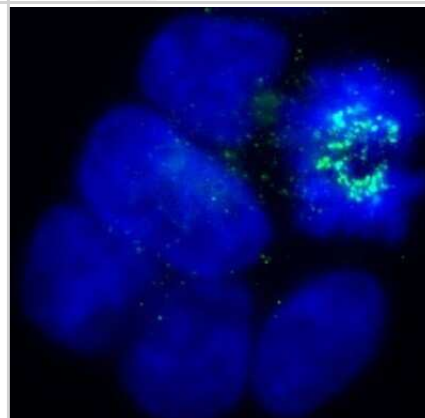


## Images

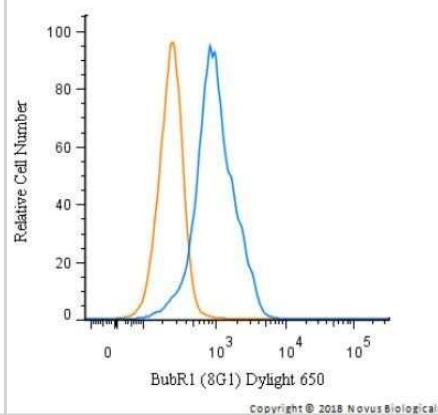
Western Blot: BubR1 Antibody (8G1) - Azide and BSA Free [NBP2-80606] - BUBR1 detected in HeLa cell lysate using NB 100-353. Image from the standard format of this antibody.



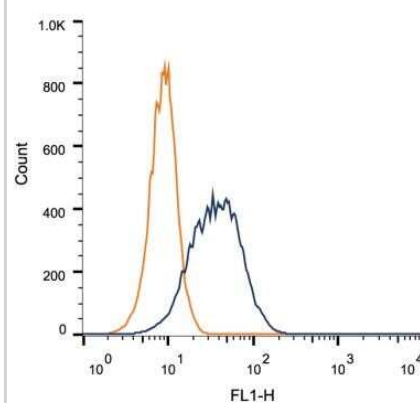
Immunocytochemistry/Immunofluorescence: BubR1 Antibody (8G1) - Azide and BSA Free [NBP2-80606] - Immunofluorescence of an asynchronous cycling population of human cells (U2OS) with NB100-353. No signal is detected from interphase cells, whereas cells undergoing mitosis accumulate BubR1 at the kinetochores. Image reveals kinetochores at prometaphase. Image courtesy of Luke Hughes-Davies and Rhiannon Jade, Gurdon Institute, Cambridge, UK. Image from the standard format of this antibody.



Flow Cytometry: BubR1 Antibody (8G1) - Azide and BSA Free [NBP2-80606] - An intracellular stain was performed on HeLa cells with BubR1 Antibody (8G1)NB100-353C (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Dylight 650.



Flow Cytometry: BubR1 Antibody (8G1) - Azide and BSA Free [NBP2-80606] - Intracellular flow cytometric staining of  $1 \times 10^6$  HEK-293 cells using BubR1 antibody (dark blue). Isotype control shown in orange. An antibody concentration of 1 ug/ $1 \times 10^6$  cells was used. Image from the standard format of this antibody.





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### **Products Related to NBP2-80606**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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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