

Basic Information

Product Name	Anti-BubR1/BUB1B Antibody (Clone#ABFG-2)
Gene Name	BUB1B
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, IP, FCM
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human BubR1
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	130 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC):1:50-200 ImmunoPrecipitation (IP): 1:30 Flow Cytometry (FCM): 1:50

Storage

12 months from date of receipt, -20°C as supplied.

Background Information

Mitotic checkpoint serine/threonine-protein kinase BUB1 beta is an enzyme that in humans is encoded by the BUB1B gene. This gene encodes a kinase involved in spindle checkpoint function. The protein has been localized to the kinetochore and plays a role in the inhibition of the anaphase-promoting complex/cyclosome (APC/C), delaying the onset of anaphase and ensuring proper chromosome segregation. Impaired spindle checkpoint function has been found in many forms of cancer.

Product datasheet

**Anti-BubR1/BUB1B Antibody
(Clone#ABFG-2)**

Catalog Number: BM5149

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BOSTER BIOLOGICAL TECHNOLOGY

Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.

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Selected Validation Data

Western blot analysis of BubR1 expression in HepG2 cell lysate.

