

# BUB1B rabbit monoclonal antibody

Catalog # H00000701-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human BUB1B peptide using ARM Technology.
Immunogen	A synthetic peptide of human BUB1B is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human BUB1B peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — BUB1B

Entrez GeneID	<a href="#">701</a>
GeneBank Accession#	<a href="#">BUB1B</a>
Gene Name	BUB1B
Gene Alias	BUB1beta, BUBR1, Bub1A, MAD3L, SSK1, hBUBR1
Gene Description	budding uninhibited by benzimidazoles 1 homolog beta (yeast)
Omim ID	<a href="#">114500 602860</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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. [provided by RefSeq]
Other Designations	BUB1 budding uninhibited by benzimidazoles 1 homolog beta MAD3/BUB1-related protein kinase budding uninhibited by benzimidazoles 1, beta

## Pathway

- [Cell cycle](#)

## Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)