



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

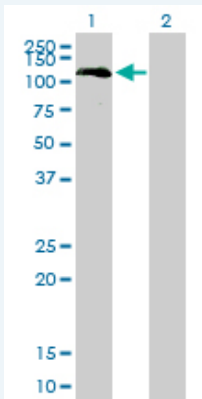


MSDS: [Download](#)

Datasheet: [Download](#)

## Applications

### Western Blot (Transfected lysate)



Western Blot 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).

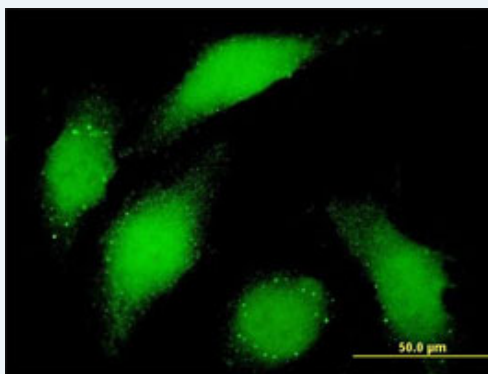
Lane 2: Non-transfected lysate.

[Protocol Download](#)

### Western Blot (Recombinant protein)

[Protocol Download](#)

### Immunofluorescence

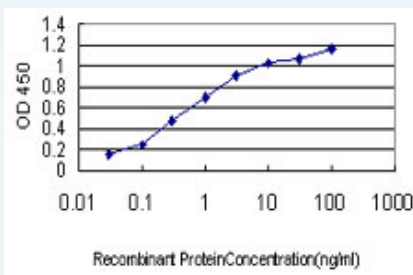


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to BUB1 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged BUB1 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

### ELISA

## Gene Information

Entrez GeneID: [699](#)

GeneBank [BC028201](#)  
Accession#:

Protein [AAH28201.1](#)  
Accession#:

Gene Name: BUB1

Gene Alias: BUB1A,BUB1L,hBUB1

Gene Description: budding uninhibited by benzimidazoles 1 homolog (yeast)

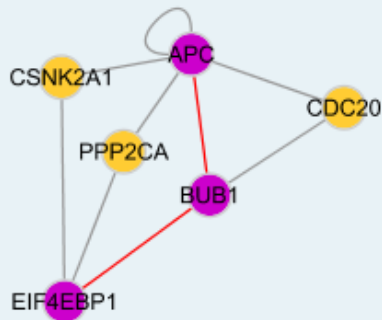
Omim ID: [602452](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes a kinase involved in spindle checkpoint function. The kinase functions in part by phosphorylating a member of the mitotic checkpoint complex and activating the spindle checkpoint. Mutations in this gene have been associated with aneuploidy and several forms of cancer. [provided by RefSeq]

**Other Designations:** BUB1 budding uninhibited by benzimidazoles 1 homolog,budding uninhibited by benzimidazoles 1,mitotic spindle checkpoint kinase,putative serine/threonine-protein kinase

### Interactome



### Gene Pathway

[Cell cycle](#)

### Related Disease

[Alcoholism](#) [Breast cancer](#) [Breast Neoplasms](#) [Carcinoma, Ductal, Breast](#) [Conduct Disorder](#) [Genetic Predisposition to Disease](#) [Ovarian Neoplasms](#)

