

Datasheet

BUB1B monoclonal antibody (M02), clone 2G5

Catalog Number: H00000701-M02

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant BUB1B.

Clone Name: 2G5

Immunogen: BUB1B (AAH18739, 1 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MAAVKKEGGALSEAMSLEGDEWELSKENVQPLRQGR
IMSTLQGALAQESACNNTLQQQKRAFYEIRFYTGND
PLDVWDRIYISWTEQNYPPQGGKESNMSTLLERAVEAL
QGEKRYSDPRFLNLWLKLGR

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, PLA-Ce, RNAi-Ab, S-ELISA, WB-Ce, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 701

Gene Symbol: BUB1B

Gene Alias: BUB1beta, BUBR1, Bub1A, MAD3L, SSK1, hBUBR1

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]

References:

1. Prognostic implications of securin expression and sub-cellular localization in human breast cancer. Gurvits N, Repo H, Loyttyniemi E, Nykanen M, Anttinen J, Kuopio T, Talvinen K, Kronqvist P. Cell Oncol (Dordr). 2016 Mar 16. [Epub ahead of print]