

For Research Use Only

BUB1B Monoclonal antibody

Catalog Number:60423-1-Ig



Basic Information

Catalog Number:

60423-1-Ig

Size:

1000 μ g/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG34182

GenBank Accession Number:

BC018739

GeneID (NCBI):

701

UNIPROT ID:

O60566

Full Name:

budding uninhibited by
benzimidazoles 1 homolog beta
(yeast)

Calculated MW:

1050 aa, 120 kDa

Observed MW:

120-130 kDa

Purification Method:

Protein A purification

CloneNo.:

3B2D5

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

Species Specificity:

human

Positive Controls:

WB : HaCaT cells, Saos-2 cells, U2OS cells, HeLa cells,
HEK-293 cells, Ramos cells

Background Information

BUB1B(Mitotic checkpoint serine/threonine-protein kinase BUB1 beta), also named BUBR1, MAD3Land SSK1, belongs to the BUB1 subfamily. Human BUB1B is a 120 kDa protein that plays a central role in the spindle assembly checkpoint (SAC), the evolutionary conserved and self-regulatory system of higher organisms that monitors and repairs defects in chromosome segregation in mitotic cells(PMID:22201036). In addition to phosphorylation, BUB1B is also subjected to posttranslational modifications including acetylation(PMID:22167194). Defects in BUB1B are the cause of premature chromatid separation trait (PCS) and mosaic variegated aneuploidy syndrome type 1 (MVA1).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

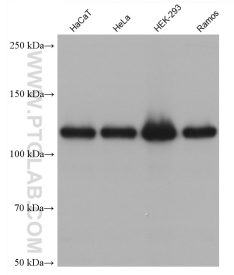
T: 4006900926

E: Proteintech-CN@ptglab.com

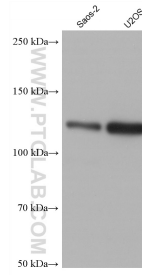
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60423-1-Ig (BUB1B antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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