

For Research Use Only

BUB1B Monoclonal antibody, PBS Only

Catalog Number: 60423-1-PBS



Basic Information

Catalog Number:

60423-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

BUB1B (Mitotic checkpoint serine/threonine-protein kinase BUB1 beta), also named BUBR1, MAD3 and 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 -80°C.

Storage Buffer:

PBS Only

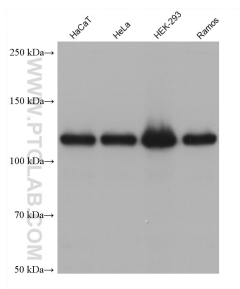
For technical support and original validation data for this product please contact:

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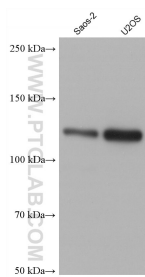
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W: ptglab.com

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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. This data was developed using the same antibody clone with 60423-1-PBS in a different storage buffer formulation.



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