For Research Use Only

BUB1B Monoclonal antibody, PBS Only

Catalog Number:60423-1-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
60423-1-PBS

Concentration:
1 mg/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

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

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).

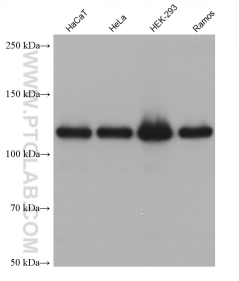
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

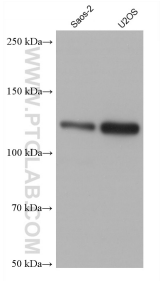
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.



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.