bsm-62741R **[Primary Antibody]**

Phospho-PBK (Thr9) Recombinant Rabbit mAb

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DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 9C3
GeneID: 55872
SWISS: Q96KB5
Target: Phospho-PBK (Thr9)
Immunogen: A synthesized peptide derived from human PBK around the phosphorylation site of T9: FK-pT-PS.
Purification: affinity purified by Protein A
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.
Background: Phosphorylates MAP kinase p38. Seems to be active only in mitosis. May also play a role in the activation of lymphoid cells. When phosphorylated, forms a complex with TP53, leading to TP53 destabilization and attenuation of G2/M checkpoint during doxorubicin-induced DNA damage.

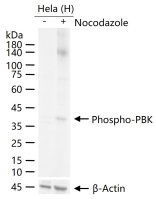
Applications: **WB** (1:500-1:2000)
IHC-P (1:100-1:200)
IHC-F (1:100-1:200)
IF (1:100-1:200)

Reactivity: Human

Predicted MW.: 36

Subcellular Location: Nucleus

VALIDATION IMAGES



Hela (H) cells were treated with or without Nocodazole, 25 µg total protein per lane of cell lysates (see on figure) probed with Phospho-PBK (Thr9) monoclonal antibody, unconjugated (bsm-62741R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.