PBK/TOPK (Phospho-Thr9) Rabbit mAb

Catalog No: #14283

Package Size: #14283-1 50ul #14283-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

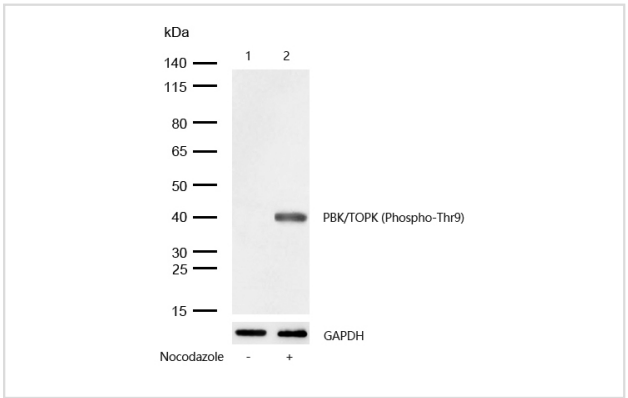
Product Name	PBK/TOPK (Phospho-Thr9) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB
Species Reactivity	Human
Specificity	Phospho-PBK/TOPK (Thr9) Antibody detects endogenous levels of total Phospho-PBK/TOPK (Thr9)
Immunogen Description	A synthesized peptide derived from human Phospho-PBK/TOPK (Thr9)
Conjugates	Unconjugated
Other Names	CT84; MAPKK like protein kinase; Nori3; PBK; PDZ binding kinas; Serine/threonine protein kinase; SPK; TOPK;
Accession No.	Uniprot:Q96KB5
Calculated MW	36kDa
SDS-PAGE MW	40kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB:1:500~1:2000

IHC:1:50~1:200

Images



All lanes: PBK/TOPK (Phospho-Thr9) Rabbit mAb at 1/1k dilution

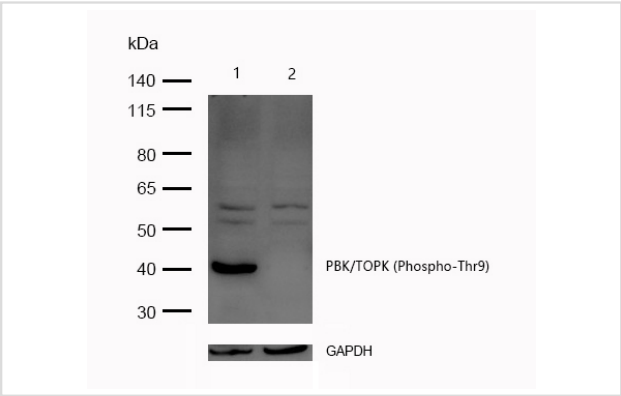
Lane 1 : Hela whole cell lysates
Lane 2 : Hela treated with 100ng/ml Nocodazole for 16h whole cell lysates

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 36 kDa
Observed band size: 40 kDa

Exposure time: 6 seconds



All lanes:PBK/TOPK (Phospho-Thr9) Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type Hela cell lysate
Lane 2 : PBK/TOPK (Phospho-Thr9) knockdown Hela cell lysate

Lysates/proteins at 20 µg per lane.

Product Description

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.