

PBK Rabbit mAb

Catalog No: #52835

Package Size: #52835-1 50ul #52835-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

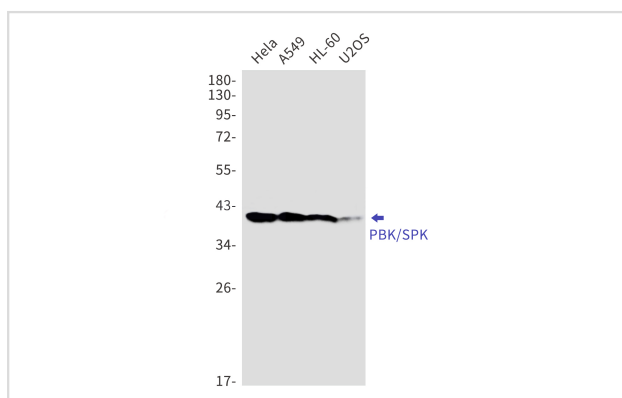
Description

Product Name	PBK Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-0B0
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human PBK/SPK
Conjugates	Unconjugated
Modification	Unmodification
Other Names	SPK; CT84; TOPK; HEL164; Nori-3
Accession No.	Swiss-Prot:Q96KB5GeneID:55872
Uniprot	Q96KB5
GeneID	55872
Calculated MW	Calculated MW:36 kDa,Observed MW:40 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

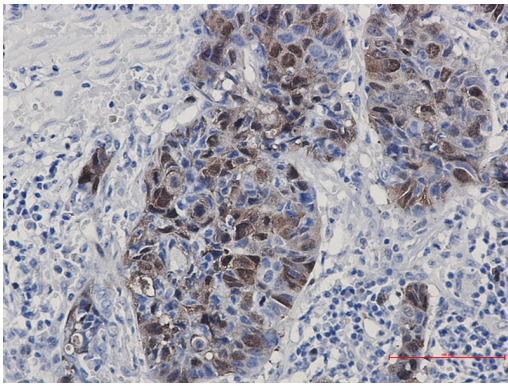
Application Details

WB: 1/1000 IHC: 1/500

Images



Western blot detection of PBK/SPK in HeLa,A549,HL-60,U2OS cell lysates using PBK/SPK Rabbit mAb(1:1000 diluted).Predicted band size:36kDa.Observed band size:40kDa.



Immunohistochemistry of PBK/SPK in paraffin-embedded Human lung cancer tissue using PBK/SPK Rabbit mAb at dilution 1/50

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.

Note: This product is for in vitro research use only