

KD-Validated Anti-Phospho-PBK/TOPK (Thr9) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1485

Product Information

Application	WB, FC
Primary Accession	Q96KB5
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB4910
Calculated MW	36085
Gene Name	PBK
Aliases	PBK; PDZ Binding Kinase; TOPK; CT84; SPK; T-LAK Cell-Originated Protein Kinase; Cancer/Testis Antigen 84; Nori-3; Lymphokine-Activated Killer T-Cell-Originated Protein Kinase; Spermatogenesis-Related Protein Kinase; MAPKK-Like Protein Kinase; FLJ14385; Serine/Threonine Protein Kinase; Epididymis Luminal Protein 164; PDZ-Binding Kinase; EC 2.7.12.2; HEL164; NORI-3
Immunogen	A synthesized peptide derived from human Phospho-PBK/TOPK (Thr9)

Additional Information

Gene ID	55872
Other Names	Lymphokine-activated killer T-cell-originated protein kinase, 2.7.12.2, Cancer/testis antigen 84, CT84, MAPKK-like protein kinase, Nori-3, PDZ-binding kinase, Spermatogenesis-related protein kinase, SPK, T-LAK cell-originated protein kinase, PBK, TOPK

Protein Information

Name	PBK
Synonyms	TOPK
Function	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.
Tissue Location	Expressed in the testis and placenta. In the testis, restrictedly expressed in outer cell layer of seminiferous tubules.

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