

Product datasheet for **TA384935S**

PBK Rabbit Monoclonal Antibody [Clone ID: R05-1B6]

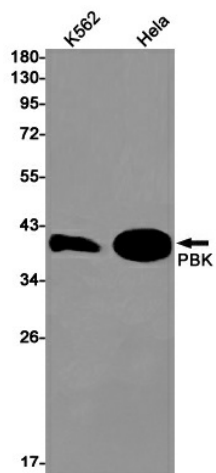
Product data:

Product Type:	Primary Antibodies
Clone Name:	R05-1B6
Applications:	IHC, IP, WB
Recommended Dilution:	WB: 1/1000 IHC: 1/20-1/100 IP: 1/20
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human PBK
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 36 kDa; Observed MW: 40 kDa
Gene Name:	PDZ binding kinase
Database Link:	Entrez Gene 55872 Human Q96KB5
Background:	Swiss-Prot Acc.Q96KB5.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.
Synonyms:	CT84; FLJ14385; Nori-3; SPK; TOPK

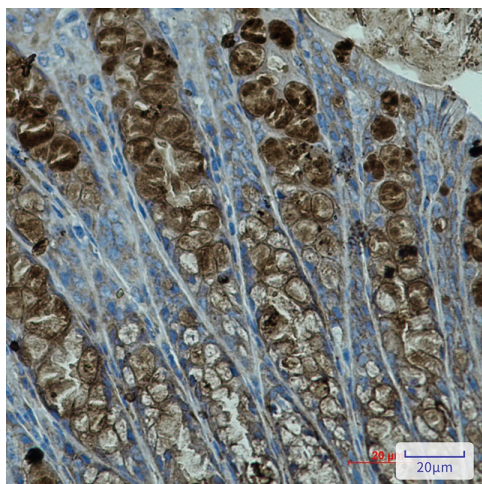


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Product images:



Western blot analysis of PBK in K562, HeLa lysates using PBK antibody.



Immunohistochemistry analysis of paraffin-embedded mouse colon using PBK antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.