

Product datasheet for **TA384935**

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

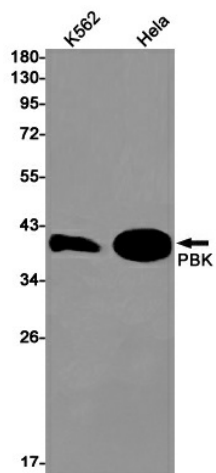
Product data:

| | |
|-------------------------|--|
| 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 |

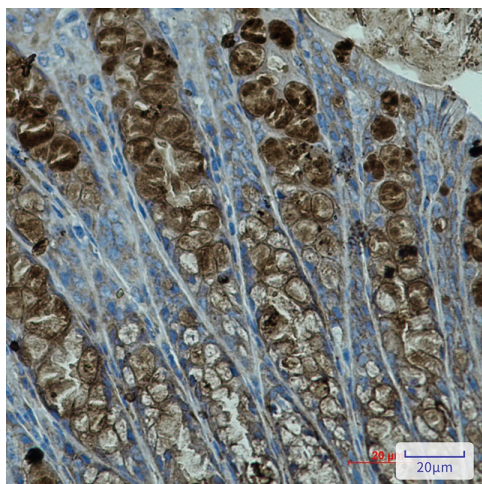


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Product images:



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.