

Datasheet for ABIN969345
anti-PBK antibody



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7 Images

2 Publications

Overview

Quantity:	100 µL
Target:	PBK
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PBK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human PBK expressed in E. coli.
Clone:	2C8
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	PBK
Alternative Name:	PBK (PBK Products)
Background:	Description: This genes encodes a serine/threonine kinase related to the dual specific mitogen-activated protein kinase kinase (MAPKK) family. Evidence suggests that mitotic phosphorylation is required for its catalytic activity. This mitotic kinase may be involved in the

Target Details

activation of lymphoid cells and support testicular functions, with a suggested role in the process of spermatogenesis.

Aliases: SPK, CT84, TOPK, Nori-3

Molecular Weight: 36 kDa

Gene ID: 55872

HGNC: 55872

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

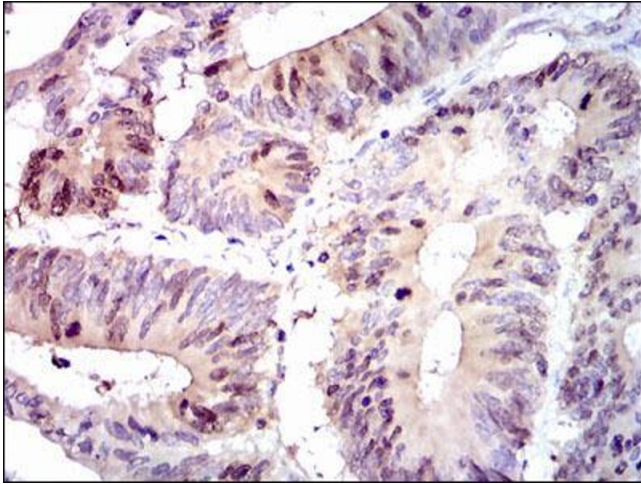
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

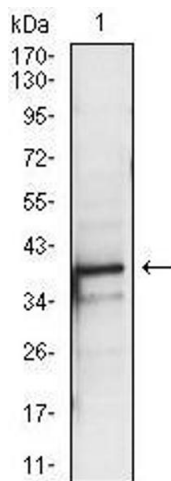
Publications

Product cited in: Wang, Wu, Zhou, Guo, Zheng, Wang, Bi, Liu, Zhou, Guo, Sha: "Mapping of the N-linked glycoproteome of human spermatozoa." in: **Journal of proteome research**, Vol. 12, Issue 12, pp. 5750-9, (2013) ([PubMed](#)).



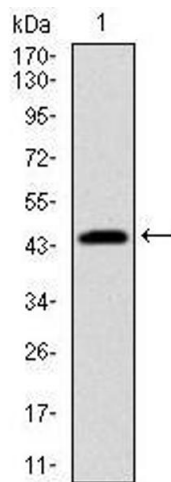
Immunohistochemistry

Image 1. Figure5: Immunohistochemical analysis of paraffin-embedded colon cancer tissues using PBK mouse mAb with DAB staining.



Western Blotting

Image 2. Western blot analysis using PBK mouse mAb against A431 (1) cell lysate.



Western Blotting

Image 3. Western blot analysis using PBK mAb against human PBK (AA: 50-230) recombinant protein. (Expected MW is 45.8 kDa)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN969345.