

Datasheet for ABIN1881635  
**anti-PBK antibody (N-Term)**[Go to Product page](#)

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## Overview

Quantity:	400 µL
Target:	PBK
Binding Specificity:	AA 58-86, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	This Mouse Pbk antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 58-86 amino acids from the N-terminal region of mouse Pbk.
Clone:	RB40570
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	PBK
Alternative Name:	Pbk ( <a href="#">PBK Products</a> )
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

## Target Details

	TP53 destabilization (By similarity).
Molecular Weight:	36745
NCBI Accession:	<a href="#">NP_075698</a>
UniProt:	<a href="#">Q9JJ78</a>

## Application Details

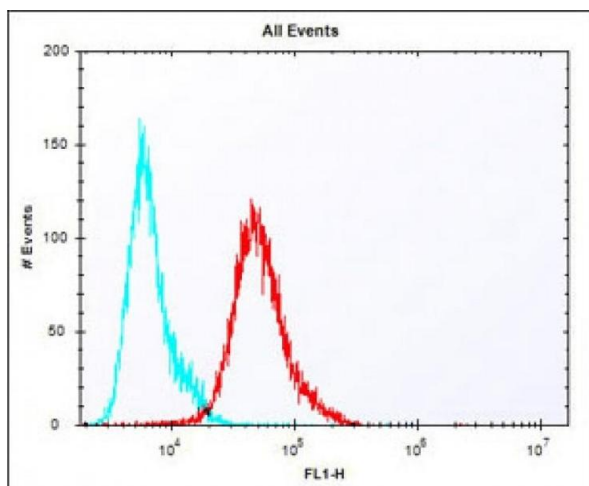
Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:25. FC: 1:25
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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
Expiry Date:	6 months

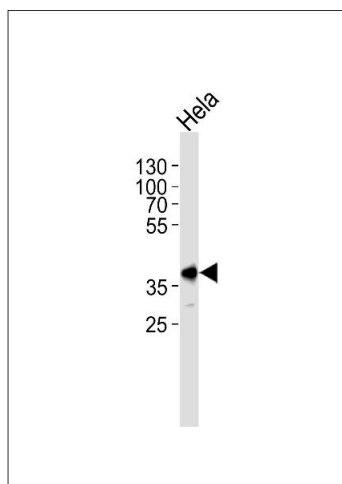
## Publications

Product cited in:	Mei, Li, Chu, Yiu, Lo: "The inhibitory effects of silver diamine fluoride at different concentrations on matrix metalloproteinases." in: <b>Dental materials : official publication of the Academy of Dental Materials</b> , Vol. 28, Issue 8, pp. 903-8, (2012) ( <a href="#">PubMed</a> ).
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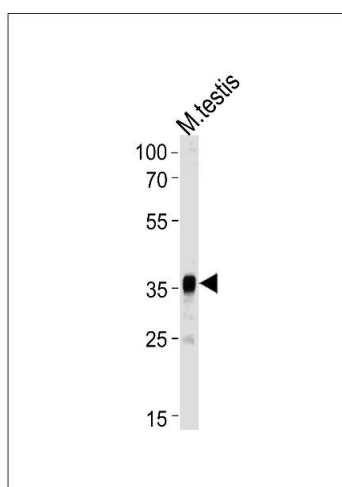
### Flow Cytometry

**Image 1.** Overlay histogram showing A431 cells stained with (ABIN1881635 and ABIN2838408) (red line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN1881635 and ABIN2838408), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) (1583138) at 1/400 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/ $1 \times 10^6$  cells) used under the same conditions. Acquisition of >10, 000 events was performed.



### Western Blotting

**Image 2.** Western blot analysis of lysate from Hela cell line, using Mouse Pbk Antibody (N-term) (ABIN1881635 and ABIN2838408). (ABIN1881635 and ABIN2838408) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.



### Western Blotting

**Image 3.** Western blot analysis of lysate from mouse testis tissue lysate, using Mouse Pbk Antibody (N-term) (ABIN1881635 and ABIN2838408). (ABIN1881635 and ABIN2838408) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg per lane.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1881635.