# Mouse PBK Monoclonal Antibody | anti-PBK antibody

PBK (PDZ Binding Kinase, FLJ14385, Nori-3, SPK, TOPK) (Biotin)

| CATALOG # | HOST | APPLICATIONS |
|---|---|---|
| **AAA26213** | **Mouse** | **ELISA, Immunofluorescence, Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

PBK; Monoclonal Antibody; PBK (PDZ Binding Kinase; FLJ14385; Nori-3; SPK; TOPK) (Biotin); PDZ Binding Kinase; TOPK; anti-PBK antibody

## PRODUCT SPECIFICATIONS

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|---|---|
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG2b,k |
| **Clone Number** | 3A7 |
| **Specificity** | Recognizes PBK. |
| **Purity/Purification** | Purified |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin. |
| **Sequence Length** | 322 |
| **Applicable Applications for anti-PBK antibody** | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot) |
| **Application Notes** | Applications are based on unconjugated antibody. |
| **Immunogen** | PBK (AAH15191, 1aa-110aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD. |
| **Immunogen Sequence** | MEGISNFKTPSKLSEKKKSVLCSTPTINIPASPFMQKLGFGTGVNVYLMKRSPRGLSHSPWAVKKINPICNDHYRSVYQKRLMDEAKILKSLHHPNIVGYRA |
| **Conjugate** | Biotin |
| **Preparation and Storage** | Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be r assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. |

## IMAGES

**WB (Western Blot)**
PBK monoclonal antibody (M07), clone 3A7. Western Blot analysis of PBK expression in 293.

**WB (Western Blot)**
PBK monoclonal antibody (M07), clone 3A7 Western Blot analysis of PBK expression in Hela S3 NE.

**IF (Immunofluorescence)**
Immunofluorescence of monoclonal antibody to PBK on HeLa cell. [antibody concentration 10 ug/ml]

**IF (Immunofluorescence)**
Immunofluorescence of monoclonal antibody to PBK on HeLa cell. [antibody concentration 10 ug/ml]

**IHC (Immunohistochemistry)**
Immunoperoxidase of monoclonal antibody to PBK on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

**Application Data**
Immunoperoxidase of monoclonal antibody to PBK on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-PBK antibody** | 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 activation of lymphoid cells and support testicular functions, with a suggested role in the process of spermatogenesis. [provided by RefSeq] |
| **Product Categories/Family for anti-PBK antibody** | Antibodies; Protein Kinases |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 15929525 |
| **NCBI GeneID** | 55872 |
| **NCBI Official Full Name** | PDZ binding kinase |
| **NCBI Official Synonym Full Names** | PDZ binding kinase |
| **NCBI Official Symbol** | PBK |
| **NCBI Official Synonym Symbols** | SPK; CT84; TOPK; HEL164; Nori-3 |
| **NCBI Protein Information** | lymphokine-activated killer T-cell-originated protein kinase |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/pbk-antibody-clone-3a7-immunofluorescence-immunohistochemistry-western-blot-elisa/26213