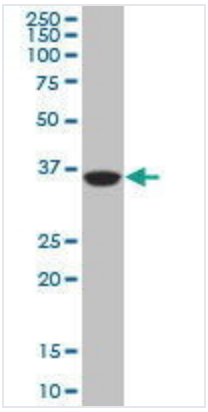
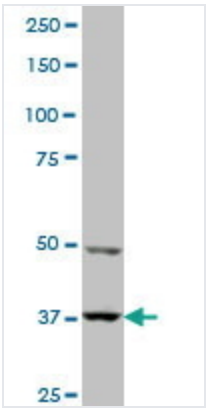
PBK Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

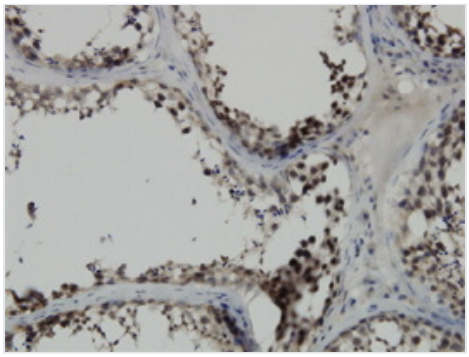
Product Name	PBK, Monoclonal Antibody
Full Product Name	PBK (Lymphokine-activated Killer T-cell-originated Protein Kinase, Cancer/Testis Antigen 84, CT84, MAPKK-like Protein Kinase, Nori-3, PDZ-binding Kinase, Spermatogenesis-related Protein Kinase, SPK, T-LAK Cell-originated Protein Kinase, TOPK, FLJ14385)
Product Synonym Names	Anti -PBK (Lymphokine-activated Killer T-cell-originated Protein Kinase, Cancer/Testis Antigen 84, CT84, MAPKK-like Protein Kinase, Nori-3, PDZ-binding Kinase, Spermatogenesis-related Protein Kinase, SPK, T-LAK Cell-originated Protein Kinase, TOPK, FLJ14385)
Immunogen Sequence	MEGISNFKTP SKLSEKKKSV LCSTPTINIP ASPFMQKLGF GTGVNVYLMK RSPRGLSHSP WAVKKINPIC NDHYRSVYQK RLMDEAKILK SLHHPNIVGY RAFTEANDGS
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3A11
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Recognizes human PBK.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Immunogen	Partial recombinant corresponding to aa1-110 from human PBK (AAH15191) with GST tag. MW of the GST tag alone is 26kD.
Product Categories/Family for anti-PBK antibody	Antibodies; Abs to Protein Kinases
Applications Tested/Suitable for anti-PBK antibody	ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-PBK antibody	Suitable for use in Immunofluorescence, ELISA, Western Blot and Immunohistochemistry. Dilution: Immunofluorescence: 10ug/ml Immunohistochemistry (Formalin fixed paraffin embedded): 3ug/ml
Related Product Information for anti-PBK antibody	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.
Other Notes	Small volumes of anti-PBK antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PBK purchase	MBS6001445 is an antibody targeting PBK. Also known as PBK (Lymphokine-activated Killer T-cell-originated Protein Kinase, Cancer/Testis Antigen 84, CT84, MAPKK-like Protein Kinase, Nori-3, PDZ-binding Kinase, Spermatogenesis-related Protein Kinase, SPK, T-LAK Cell-originated Protein Kinase, TOPK, FLJ14385). Reactive in Human. Host: Mouse.



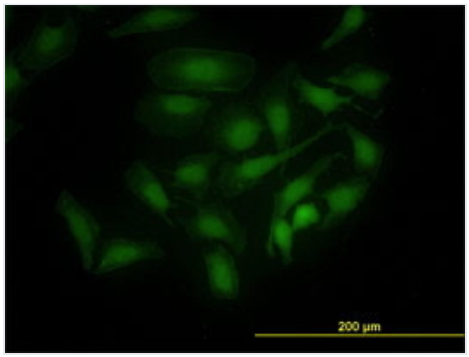
Western Blot (WB) of anti-PBK antibody
PBK monoclonal antibody. Western Blot analysis of PBK expression in human skeletal muscle.



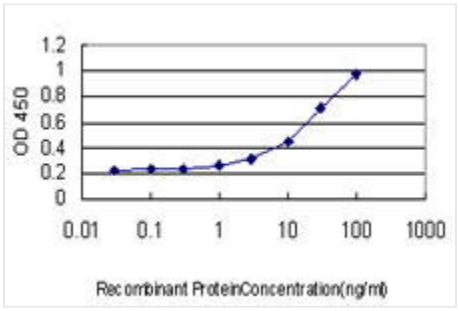
Western Blot (WB) of anti-PBK antibody
PBK monoclonal antibody, Western Blot analysis of PBK expression in A-431.



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



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



Testing Data of anti-PBK antibody
Detection limit for recombinant GST tagged PBK is ~1ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PBK. It may not necessarily be applicable to this product.

NCBI GI #	117616892
NCBI Accession #	ABK42464.1
NCBI Official Full Name	PBK
Protein Family	Lymphokine-activated killer T-cell-originated protein kinase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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