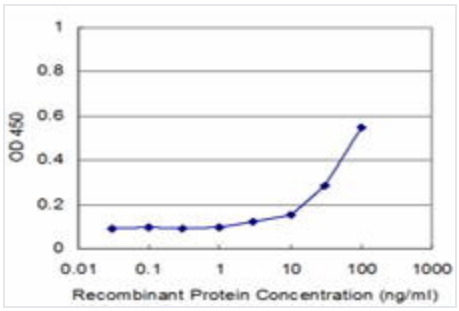
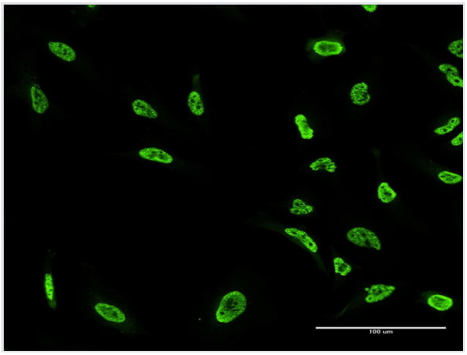
PKN1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

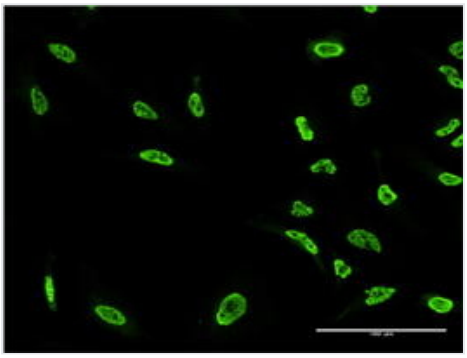
Product Name	PKN1, Monoclonal Antibody
Full Product Name	PKN1 (Protein Kinase N1, DBK, MGC46204, PAK1, PKN, PKN-ALPHA, PRK1, PRKCL1) (AP)
Product Gene Name	anti-PKN1 antibody
Product Synonym Names	Protein Kinase N1; DBK; MGC46204; PAK1; PKN; PKN-ALPHA; PRK1; PRKCL1
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1A4
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified
Specificity	Recognizes PKN1.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	PKN1 (AAH40061, 462aa-615aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	LDMEPQGCLVAEVTFRNPVIERIPRLRRQKKIFSKQQGKAFQRARQMNIDVATWVRLLRRLIPNATGTGTFSPGASPGSEARTTGDISVEKLNLGTDSDSS
Conjugate	AP
Product Categories/Family for anti-PKN1 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-PKN1 antibody	Western Blot (WB)
Application Notes for anti-PKN1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-PKN1 antibody	The protein encoded by this gene belongs to the protein kinase C superfamily. This kinase is activated by Rho family of small G proteins and may medi phospholipids and by limited proteolysis. The 3-phosphoinositide dependent protein kinase-1 (PDPK1/PDK1) is reported to phosphorylate this kinase, v activation of this kinase by caspase-3 or related proteases during apoptosis suggests its role in signal transduction related to apoptosis. Alternatively sp [provided by RefSeq]
Other Notes	Small volumes of anti-PKN1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PKN1 purchase	MBS6164318 is an antibody targeting PKN1. Also known as PKN1 (Protein Kinase N1, DBK, MGC46204, PAK1, PKN, PKN-ALPHA, PRK1, PRKCL1)



Testing Data of anti-PKN1 antibody
Detection limit for recombinant GST tagged PKN1 is approximately 3ng/ml as a capture antibody.



Immunofluorescence (IF) of anti-PKN1 antibody
Immunofluorescence of monoclonal antibody to PKN1 on HeLa cell. [antibody concentration 10 ug/ml]



Immunofluorescence (IF) of anti-PKN1 antibody
Immunofluorescence of monoclonal antibody to PKN1 on HeLa cell. [antibody concentration 10 ug/ml]

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PKN1. It may not necessarily be applicable to this product.

NCBI GI #	25304069
NCBI GeneID	5585
NCBI Accession #	AAH40061
UniProt Related Accession #	Q16512
NCBI Official Full Name	Protein kinase N1
NCBI Official Synonym Full Names	protein kinase N1
NCBI Official Symbol	PKN1
NCBI Official Synonym Symbols	DBK; PKN; PAK1; PRK1; PAK-1; PRKCL1; PKN-ALPHA
Protein Family	Serine/threonine-protein kinase
NCBI Protein Information	serine/threonine-protein kinase N1
Research Articles on PKN1	**1.** Secretory carcinoma of the skin associated with the presence of novel NFIX-PKN1 translocation.
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.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-antibody/pkn1/6164318