PBK Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	PBK, Monoclonal Antibody
Full Product Name	PBK (PDZ Binding Kinase, FLJ14385, Nori-3, SPK, TOPK) (MaxLight 650)
Product Gene Name	anti-PBK antibody
Product Synonym Names	PDZ Binding Kinase; FLJ14385; Nori-3; SPK; TOPK
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3F7
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified
Specificity	Recognizes PBK.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	PBK (AAH15191, 1aa-322aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MEGISNFKTPSKLSEKKKSVLCSTPTINIPASPFMQKLGFGTGVNVYLMKRSPRGLSHSPWAVKKINPICNDHYRSVYQKRLMDEAKILKSLHHPNIVGYRA
Conjugate	MaxLight650
Product Categories/Family for anti-PBK antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-PBK antibody	Western Blot (WB)
Application Notes for anti-PBK antibody	Applications are based on unconjugated antibody.
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
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 necessar
Searchable Terms for PBK purchase	MBS6229144 is an antibody targeting PBK. Also known as PBK (PDZ Binding Kinase, FLJ14385, Nori-3, SPK, TOPK) (MaxLight 650). Host: Mouse.

ADDITIONAL DETAILS

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

NCBI GI #	15929525
NCBI GeneID	55872
NCBI Accession #	AAH15191
UniProt Related Accession #	Q96KB5
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
Protein Family	Lymphokine-activated killer T-cell-originated protein kinase
NCBI Protein Information	lymphokine-activated killer T-cell-originated protein kinase
NCBI Summary for PBK	This gene encodes a serine/threonine protein kinase related to the dual specific mitogen-activated protein kinase kinase (MAPKK) family. Evidence suggests that mitotic phosphorylation is required for its catalytic activity. The encoded protein may be involved in the activation of lymphoid cells and support testicular functions, with a suggested role in the process of spermatogenesis. Overexpression of this gene has been implicated in tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Research Articles on PBK	**1.** High PDZ-binding kinase expression was associated with a poor prognosis, metastasis, and cisplatin resistance of high-grade serous ovarian carcinoma.
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