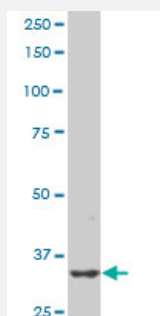


PBK monoclonal antibody (M12), clone 1E11

Catalog # H00055872-M12

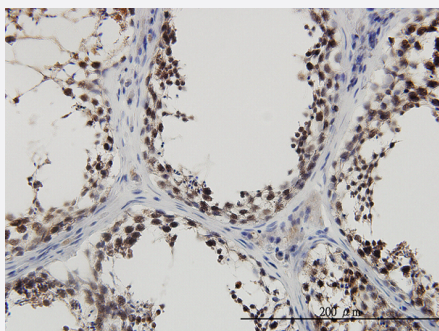
Size 100 ug

Applications



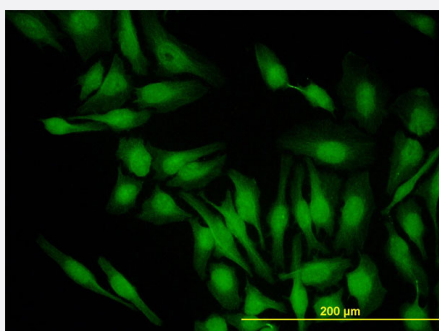
Western Blot (Cell lysate)

PBK monoclonal antibody (M12), clone 1E11 Western Blot analysis of PBK expression in K-562 (Cat # L009V1).



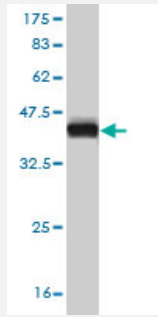
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



Immunofluorescence

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



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PBK.
Immunogen	PBK (AAH15191, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEGISNFKTPSKLSEKKKSVLCSTPTINIPASPFMQKLGFGTGVNVYLMKRSPRGLSHSPWAVKKI NPICNDHYRSVYQKRLMDEAKILKSLHHPNIVGYRAFTEANDGS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (90)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

PBK monoclonal antibody (M12), clone 1E11 Western Blot analysis of PBK expression in K-562 (Cat # L009V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — PBK

Entrez GeneID [55872](#)

GeneBank Accession# [BC015191](#)

Protein Accession# [AAH15191](#)

Gene Name PBK

Gene Alias FLJ14385, Nori-3, SPK, TOPK

Gene Description PDZ binding kinase

Omim ID [611210](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations MAPKK-like protein kinase|PDZ-binding kinase|T-LAK cell-originated protein kinase|serine/threonine protein kinase|spermatogenesis-related protein kinase

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)