



PBK Recombinant Mouse Monoclonal
Antibody, Biotin

Catalog Number 730064

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Mouse / IgG1	Published species	Human
Class	Recombinant Monoclonal	Tested Applications	
Type	Antibody	Immunoprecipitation (IP)	Dilution * 2 µg
Immunogen	1-322 of 322 of TOPK Protein.	Published Applications	
Conjugate	Biotin	Immunoprecipitation (IP)	See 1 publications below
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	0.5 mg/mL		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C		

Product specific information

Recombinant antibodies are produced using specific genes that code for the desired antibodies. These genes are cloned into an expression vector and expressed in vitro. The advantages of recombinant antibodies include: better specificity, animal origin-free formulation, and more lot-to-lot consistency.

Background/Target Information

This genes encodes a serine/threonine kinase related to the dual specific mitogen-activated protein kinase kinase 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.

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PubMed References For PBK Recombinant Mouse Monoclonal Antibody, Biotin

1 Immunoprecipitation References

Species / Dilution	Summary
Human / 2 µg	730064 was used in immunoprecipitation to describe a mass spectrometry-based method for scoring immunoprecipitation antibody quality
	Nature methods (2015; 12: 725)
	"Assessment of a method to characterize antibody selectivity and specificity for use in immunoprecipitation." Author(s):Marcon E,Jain H,Bhattacharya A,Guo H,Phanse S,Pu S,Byram G,Collins BC,Dowdell E,Fenner M,Guo X,Hutchinson A,Kennedy JJ,Krastins B,Larsen B,Lin ZY,Lopez MF,Loppnau P,Miersch S,Nguyen T,Olsen JB,Paduch M,Ravichandran M,Seitova A,Vadali G,Vogelsang MS,Whiteaker JR,Zhong G,Zhong N,Zhao L,Aebersold R,Arrowsmith CH,Emili A,Frappier L,Gingras AC,Gstaiger M,Paulovich AG,Koide S,Kossiakoff AA,Sidhu SS,Wodak SJ,Gräslund S,Greenblatt JF,Edwards AM PubMed Article URL: http://dx.doi.org/10.1038/nmeth.3472

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