PKP1 monoclonal antibody, clone 10B2

Catalog # MAB14872 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human PKP1.
Immunogen	Recombinant protein corresponding to N-terminus of human PKP1.
Host	Mouse
Theoretical MW (kDa)	75
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells) Immunofluorescence (1-2 ug/mL) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence
- Flow Cytometry
- Western Blot

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Gene Info — PKP1

Entrez GeneID	5317
Protein Accession#	Q13835
Gene Name	PKP1
Gene Alias	B6P, MGC138829
Gene Description	plakophilin 1 (ectodermal dysplasia/skin fragility syndrome)
Omim ID	601975 604536
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the arm-repeat (armadillo) and plakophilin gene families. Plakophilin proteins contain numerous armadillo repeats, localize to cell desmosomes and nuclei, and participate in linking cadherins to intermediate filaments in the cytoskeleton. This protein may be involved in molecular recruitment and stabilization during desmosome formation. Mutations in this gene have been associated with the ectodermal dysplasia/skin fragility syndrome. [provided by RefSeq
Other Designations	OTTHUMP00000033848|OTTHUMP00000033849|band 6 protein|plakophilin 1

Publication Reference

- Negative control glucose dependent mediated by the PreS2 region on the translation efficiency of the reporter Sh-bleomycin gene in Saccharomyces cerevisiae.

  Hadiji-Abbes N, Borchani-Chabchoub I, Gargouri A, Mokdad-Gargouri R.

  FEMS Yeast Research 2014 Mar; 14(2):357.

Disease

- Cardiovascular Diseases
- Cleft Lip
- Cleft Palate
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease

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- Panic Disorder
- Tobacco Use Disorder

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