

## Product datasheet for TA347023

### PP1C gamma (PPP1CC) Mouse Monoclonal Antibody [Clone ID: 2F2-A3-H10]

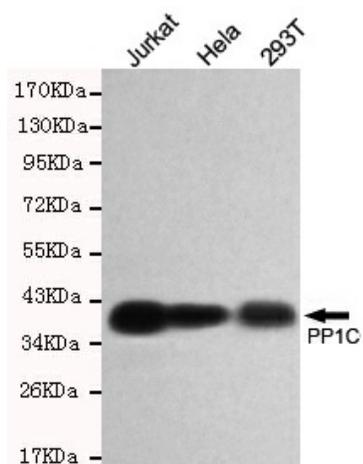
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	2F2-A3-H10
Applications:	WB
Recommend Dilution:	WB: 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	The immunogen for PPP1CC antibody: purified recombinant human PP1C protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine(pH 7.4,150 mM NaCl)with 0.02% sodium azide,0.1mg/mlBSA and 50% glycerol.
Purification:	Affinity purified
Predicted Protein Size:	38 kDa
Gene Name:	protein phosphatase 1 catalytic subunit gamma
Database Link:	<a href="#">NP_002701 Entrez Gene 5501 Human</a>
Background:	The protein encoded by this gene belongs to the protein phosphatase family,PP1 subfamily.PP1 is an ubiquitous serine/threonine phosphatase that regulates many cellular processes,including cell division.It is expressed in mammalian cells as three closely related isoforms,alpha,beta/delta and gamma,which have distinct localization patterns.This gene encodes the gamma isozyme.Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq,Oct 2011]
Synonyms:	PP-1G; PP1C; PPP1G
Protein Families:	Druggable Genome, Phosphatase
Protein Pathways:	Focal adhesion, Insulin signaling pathway, Long-term potentiation, Oocyte meiosis, Regulation of actin cytoskeleton, Vascular smooth muscle contraction



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## Product images:



Western blot detection of PP1C in HeLa, 293T and Jurkat cell lysates using PP1C mouse mAb (1:500 diluted). Predicted band size: 38 kDa. Observed band size: 38 kDa.