



<b>Swiss-Prot No.:</b>	Q86YN6
<b>Altermname:</b>	PPARGC1B
<b>Storage/Stability:</b>	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Immunogen:</b>	Purified recombinant fragment of human PPARGC1B (AA: 195-414) expressed in E. Coli.
<b>Purification:</b>	Affinity purified
<b>Reactivity:</b>	Human
<b>Other Names:</b>	PERC; ERRL1; PGC1B; PGC-1(beta)
<b>Background:</b>	The protein encoded by this gene stimulates the activity of several transcription factors and nuclear receptors, including estrogen receptor alpha, nuclear respiratory factor 1, and glucocorticoid receptor. The encoded protein may be involved in fat oxidation, non-oxidative glucose metabolism, and the regulation of energy expenditure. This protein is downregulated in prediabetic and type 2 diabetes mellitus patients. Certain allelic variations in this gene increase the risk of the development of obesity. Three transcript variants encoding different isoforms have been found for this gene.
<b>Gene ID:</b>	133522
<b>Cellular</b>	Nucleus

<b>Localization:</b>	
<b>Source:</b>	Mouse
<b>Antibody type:</b>	Monclonal antibody
<b>Isotype:</b>	Mouse IgG1
<b>Molecular Weight:</b>	113.2kDa
<b>Preservative:</b>	Purified antibody from tissue culture in PBS with 0.05% sodium azide
<b>Recommended Dilutions:</b>	WB: 1/500 - 1/2000; IHC: N/A; ICC: N/A; FCM: 1/200 - 1/400; Elisa: 1/10000
<b>Clone Number:</b>	4A12
<b>Form of Antibody:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.