

Anti-PGC-1 beta Antibody (2Y825)

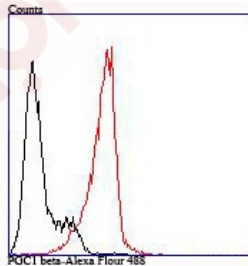
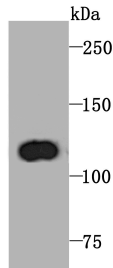
Product Details

Ig Type:	IgG
Reactivity:	Human,Rat
Conjugation:	Unconjugated
Clone:	2Y825
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of PGC1 beta on rat spleen tissue lysate using anti-PGC1 beta antibody at 1/1,000 dilution.
2. Flow cytometric analysis of HL-60 cells with PGC1 beta antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



Application:	FCM,IP,WB
Recommended	WB: 1:500-2000; IP: 1:10-50; FCM: 1:50-200

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	Q86YN6
Synonyms:	PRGC2;peroxisome proliferator-activated receptor gamma, coactivator 1 beta;PGC1 β ;PERC;PGC1 β ;PPARGC1;PGC-1-related estrogen receptor alpha coactivator;PGC1;PPARGC-1-beta;peroxisome proliferator-activated receptor gamma coactivator 1 beta;Ppargc1b;PGC-1-beta;PPAR-gamma coactivator 1-beta;PPAR gamma coactivator-1beta;peroxisome proliferative activated receptor, gamma, coactivator 1;PGC-1(beta)

Research Background

Plays a role of stimulator of transcription factors and nuclear receptors activities. Activates transcriptional activity of estrogen receptor alpha, nuclear respiratory factor 1 (NRF1) and glucocorticoid receptor in the presence of glucocorticoids. May play a role in constitutive non-adrenergic-mediated mitochondrial biogenesis as suggested by increased basal oxygen consumption and mitochondrial number when overexpressed. May be involved in fat oxidation and non-oxidative glucose metabolism and in the regulation of energy expenditure. Induces the expression of PERM1 in the skeletal muscle in an ESRRA-dependent manner.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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