

## PGC1 beta Rabbit mAb

Catalog No: #49655

Package Size: #49655-1 50ul #49655-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

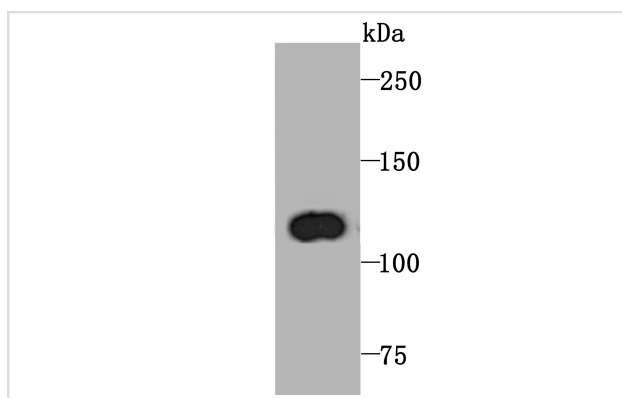
## Description

Product Name	PGC1 beta Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Purification	ProA affinity purified
Applications	WB, IP, FC
Species Reactivity	Hu, Rt
Immunogen Description	Recombinant protein
Other Names	PERC antibody peroxisome proliferative activated receptor, gamma, coactivator 1, antibody peroxisome proliferator-activated receptor gamma coactivator 1 beta antibody Peroxisome proliferator-activated receptor gamma coactivator 1-beta antibody peroxisome proliferator-activated receptor gamma, coactivator 1 beta antibody PGC-1(beta) antibody PGC-1-beta antibody PGC-1-related estrogen receptor alpha coactivator antibody PGC1 antibody PPAR gamma coactivator-1beta antibody PPAR-gamma coactivator 1-beta antibody PPARGC-1-beta antibody PPARGC1 antibody Ppargc1b antibody PRGC2_HUMAN antibody
Accession No.	Swiss-Prot#:Q86YN6
Uniprot	Q86YN6
GeneID	133522;
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

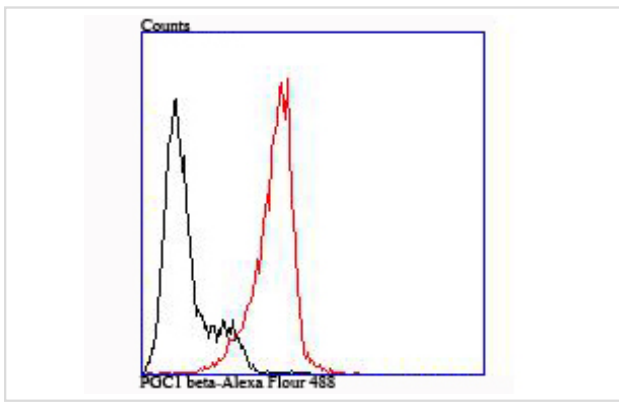
## Application Details

WB: 1:500-1:2,000IP: 1:10-1:50FC: 1:50-1:200

## Images



Western blot analysis of PGC1 beta on rat spleen tissue lysate using anti-PGC1 beta antibody at 1/1,000 dilution.



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).

## 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 ESRRRA-dependent manner.

## References

Note: This product is for in vitro research use only