

[Primary Antibody]

PGC1 beta Recombinant Rabbit mAb



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ANTIBODIES

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— DATASHEET

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: 19E18

GeneID: 133522

SWISS: O86YN6

Target: PGC1 beta

Immunogen: A synthesized peptide derived from human PGC1 beta: 970-1023.

Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

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.

Applications: WB (1:500-2000)
IP (1:20-50)

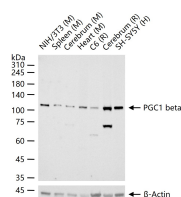
Reactivity: Human, Mouse, Rat

Predicted
MW.: 113 kDa

Observed
MW.: 110 kDa

Subcellular Location: Nucleus

— VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with PGC1 beta monoclonal antibody, unconjugated (bsm-61701R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.