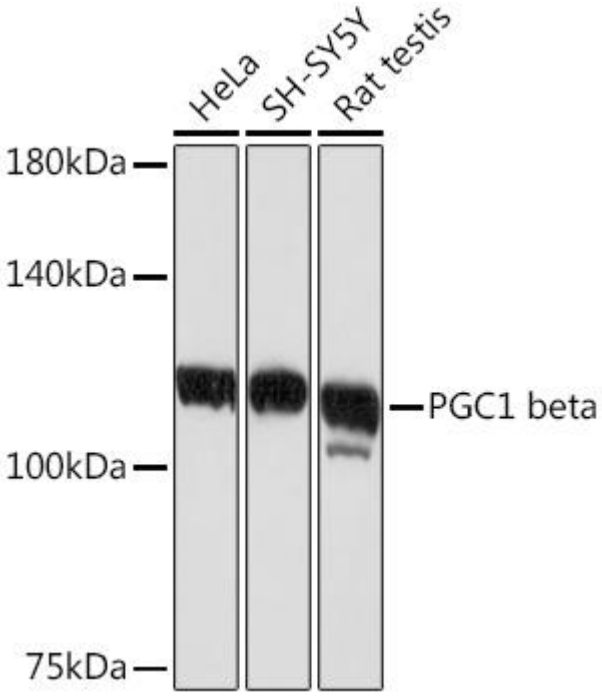
PGC-1β Mouse mAb

Catalog No	YP-mAb-19564
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	
Immunogen	Synthetic peptide .This information is considered to be commercially sensitive .
Specificity	
Formulation	
Source	Monoclonal,Mouse,IgG
Purification	Affinity purification
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	PERC; ERRL1; PGC1B; PGC-1(beta); PGC1 beta
Observed Band	113kDa
Calculated Molecular Weight	113kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	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 .
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of various lysates using PGC1 beta Mouse mAb at 1:1000 dilution .

Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) at 1:10000 dilution .

Lysates/proteins: 25µg per lane .

Blocking buffer: 3% nonfat dry milk in TBST .

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s .