PRODUCT DATA SHEET

PPAR-γ Monoclonal Antibody

Catalog No.	IMB0135
Reactivity	Human;Mouse;Rat;Bovine;Dog;Goat;Pig;Rabbit;sheep
Applications	WB; IF/ICC
Gene Name	PPARG
Protein Name	Peroxisome prolIF:erator-activated receptor gamma
Human Gene Id	5468
Swiss-Prot	P37231
Formulation	PurIF:ied mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.
Source	Monoclonal, Mouse
Dilution	WB: 1:1000-1:2000 IF: 1:100-1:500
PurIF:ication	Affinity purIF:ication
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Background	This gene encodes a member of the peroxisome prolIF:erator-activated receptor (PPAR) subfamily of nuclear receptors. PPARs form heterodimers with retinoid X receptors (RXRs) and these heterodimers regulate transcription of various genes. Three subtypes of PPARs are known: PPAR-alpha, PPAR-delta, and PPAR-gamma. The protein encoded by this gene is PPAR-gamma and is a regulator of adipocyte dIF:ferentiation. Additionally, PPAR-gamma has been implicated in the pathology of numerous diseases including obesity, diabetes, atherosclerosis and cancer. Alternatively spliced transcript variants that encode dIF:ferent isoforms have been described. [provided by RefSeq, Jul 2008],
Subcellular Location.	Nucleus. Cytoplasm. Redistributed from the nucleus to the cytosol through a MAP2K1/MEK1-dependent manner. NOCT enhances its nuclear translocation.
BiowMW	-

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