



PPAR γ (C-term)

Mouse monoclonal Antibody

#53569

Catalog Number: 53569

Amount: 100 μ g/100 μ l

Swiss-Prot No. : P37231

Gene name: pparg

Gene id: 5468

Clone Number: 1G7-G4-G12

Form of Antibody: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Storage/Stability: Store at -20°C/1 year

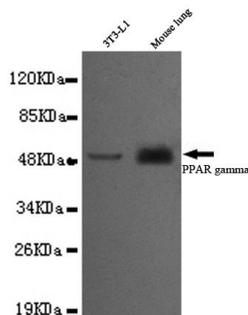
Immunogen: Purified recombinant human PPAR γ (C-term) protein fragments expressed in E.coli.

Purification: affinity-chromatography

Specificity/Sensitivity: This antibody detects endogenous levels of PPAR γ and does not cross-react with related proteins

Reactivity: Mouse

Applications: Predicted MW: 54 kd WB: 1:1000



Western blot detection of PPAR gamma (C-terminus) in 3T3-L1 and Mouse Lung cell lysates using PPAR gamma(C-terminus) mouse mAb (1:1000 diluted). Predicted band size: 54kDa. Observed band size: 54kDa.

Background :

This gene encodes a member of the peroxisome proliferator-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 differentiation. Additionally, PPAR-gamma has been implicated in the pathology of numerous diseases including obesity, diabetes, atherosclerosis and cancer. Alternatively spliced transcript variants that encode different isoforms have been described.