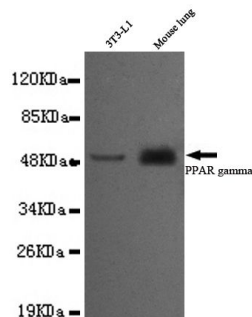


PPAR $\gamma$  (C-term)

Mouse monoclonal Antibody

#53569

**Catalog Number:** 53569**Amount:** 100 $\mu$ g/100 $\mu$ 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 $\gamma$ (C-term) protein fragments expressed in E.coli.**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of PPAR $\gamma$  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: 54KD.

**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.