

## PPAR-γ (C-terminus) monoclonal antibody

Catalog: MB0080

Host: Mouse

Reactivity: Human

### BackGround:

PPAR gamma is implicated in numerous diseases including obesity, diabetes, atherosclerosis and cancer. PPAR gamma activators include prostanoids, fatty acids, thiazolidinediones and N-(2-benzoylphenyl) tyrosine analogues. A key component in adipocyte differentiation and fat-specific gene expression, PPAR gamma may modulate macrophage functions such as proinflammatory activities, and stimulate oxidized low-density lipoprotein (x-LDL) uptake. A Pro12Ala polymorphism of the PPAR gamma2 gene has been reported to reduce transactivation activity in vitro. This substitution may affect the immune response to ox-LDL and be associated with type 2 diabetes. In addition, the Pro12Ala variant of the PPAR gamma2 gene maybe correlated with abdominal obesity in type 2 diabetes.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~53/57kDa

### Swiss-Prot:

P37231

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500

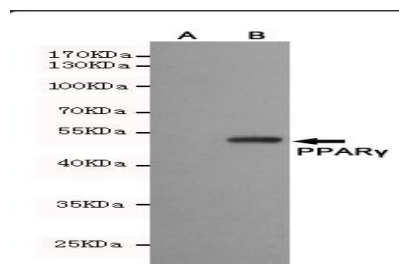
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

This antibody detects endogenous levels of PPAR gamma (C-terminus) and does not cross-react with related proteins

### DATA:



Western blot detection of PPARγ fragment in CHO-K1 cell lysate (A) and CHO-K1 transfected by pEGFP-C1-PPARγ (B) cell lysate using PPARγ mouse mAb (1:500 diluted). Predicted band size:

53kDa. Observed band size: 53kDa.

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151