

## Mouse Monoclonal Antibody to PPARG

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|--------------------------------|---|
| <b>Catalogue Number</b>        | sAP-0186  |
| <b>Target Molecule</b>         | <b>Name:</b> PPARG<br><b>Aliases:</b> CIMT1; NR1C3; PPARG1; PPARG2; PPARgamma; PPARG<br><b>MW:</b> N/A  |
| <b>Description</b>             | <b>Entrez Gene ID: 5468</b><br>PPARG: peroxisome proliferator-activated receptor gamma. 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. |
| <b>Immunogen</b>               | Purified recombinant fragment of PPARG (aa170-270) expressed in E. Coli. ;  |
| <b>Reactive Species</b>        | Human   |
| <b>Clone</b>                   | MM3A4A9;  |
| <b>Size and Concentration</b>  | 100µg/1mg/ml  |
| <b>Supplied as</b>             | Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;   |
| <b>Reconstitution/Storages</b> | Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage   |
| <b>Applications</b>            | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000   |
| <b>Shipping</b>                | Regular FEDEX overnight shipment (ambient temperature)  |
| <b>Reference</b>               | 1. Sarcoidosis Vasc Diffuse Lung Dis. 2006 Jun;23(2):93-100 ; 2. Hum Biol. 2007 Feb;79(1):111-9. ; 3. Hum Genet. 2008 Feb;123(1):35-40. Epub 2007 Nov 13.   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**