

# Monoclonal Antibody to PPARG

Cat. #: Mab-607021

## Description:

PPAR gamma(PPARG), which encodes a member of the peroxisome proliferator-activated receptor (PPAR) subfamily of nuclear receptors. 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.

## Immunogen/Specificity:

Ni-NTA purified truncated recombinant PPARG expressed in E. Coli strain BL21 (DE3)

## Applications :

Western Blot: 1: 500- 1: 2,000

IHC(P): 1: 500- 1: 2,000

IHC(F): 1: 500- 1: 2,000

IF : 1: 500- 1: 2,000

ELISA: Propose dilution 1: 10,000.

Determining optimal working dilutions by titration test.

## Formulation

Crude ascites.

## Reference:

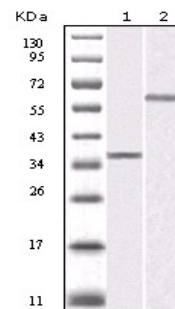
- 1.Ahdjoudj S,et al. Exp Cell Res. 2005. Feb 1;303(1): 138-47.
- 2.Yang HC,.et al. Kidney Int. 2006 May;69(10):1756-64.
- 3.Weng JR,. et al. Endocr Relat Cancer. 2006 Jun; 13(2):401-13.

Clone Number: 8D1H8F4

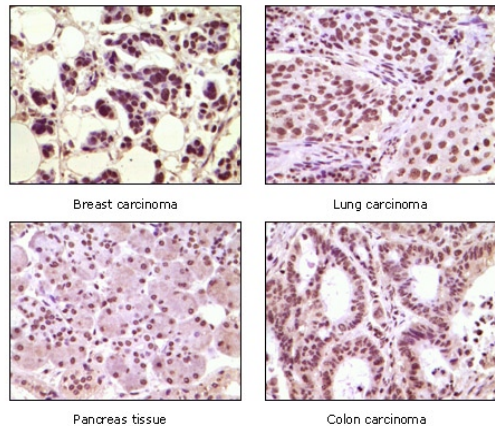
Isotype: IgG1

Species: Human

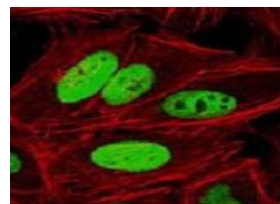
Storage and Stability: stored at -20 C



**Figure 1:** Western blot analysis using anti-Human PPARG monoclonal antibody against truncated PPARG recombinant protein (1),K562 cell lysate (2).



**Figure 2:** Immunohistochemical analysis of paraffin-embedded human carcinoma and Normal tissue, showing nuclear localization using PPARG antibody with DAB staining.



**Figure 3.** Confocal analysis of A431 cells using PPARG-γ antibody showing nuclear staining