

PPARA monoclonal antibody

Catalog: MB22017

Host: Mouse

Reactivity: Human, Monkey

BackGround:

Peroxisome proliferators include hypolipidemic drugs, herbicides, leukotriene antagonists, and plasticizers; this term arises because they induce an increase in the size and number of peroxisomes. Peroxisomes are subcellular organelles found in plants and animals that contain enzymes for respiration and for cholesterol and lipid metabolism. The action of peroxisome proliferators is thought to be mediated via specific receptors, called PPARs, which belong to the steroid hormone receptor superfamily. PPARs affect the expression of target genes involved in cell proliferation, cell differentiation and in immune and inflammation responses. Three closely related subtypes (alpha, beta/delta, and gamma) have been identified. This gene encodes the subtype PPAR-alpha, which is a nuclear transcription factor. Multiple alternatively spliced transcript variants have been described for this gene, although the full-length nature of only two has been determined.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

52.2kDa

Swiss-Prot:

Q07869

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 - 1/2000 FC:1/200 - 1/400

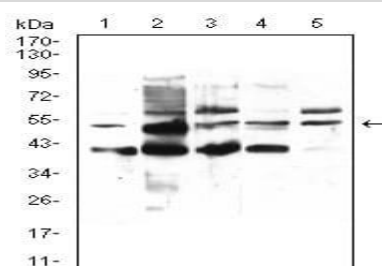
Storage&Stability:

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

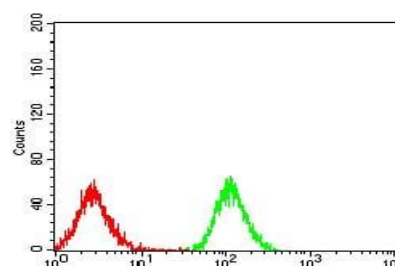
Isotype:

Mouse IgG1

DATA:



Western blot analysis using PPARA mouse mAb against HepG2 (1), HEK293 (2), COS7 (7), HepG2 (4), and Jurkat (5) cell lysate.



Flow cytometric analysis of Jurkat cells using PPARA mouse mAb (green) and negative control (red).

Note:

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

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