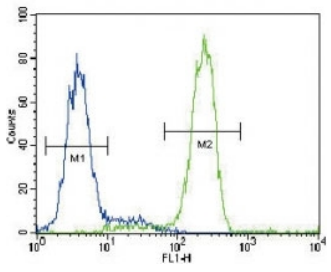
PPARG Antibody / PPAR gamma (F49368)

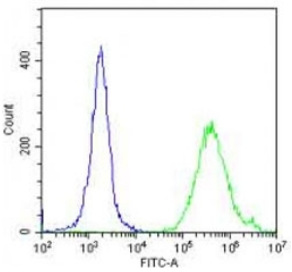
Catalog No.	Formulation	Size
F49368-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49368-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

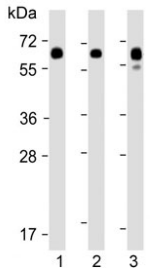
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P37231
Applications	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50
Limitations	This PPARG antibody is available for research use only.



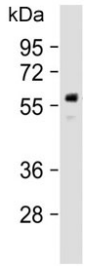
PPARG antibody flow cytometric analysis of human HepG2 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



PPARG antibody flow cytometric analysis of human HeLa cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western blot testing of human 1) fetal liver, 2) lung and 3) placenta lysate with PPARG antibody at 1:2000. Expected molecular weight: 54-57 kDa.



Western blot testing of human lung lysate with PPARG antibody at 1:2000. Expected molecular weight: 54-57 kDa.

Description

PPARG is a nuclear receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Once activated by a ligand, the nuclear receptor binds to DNA specific PPAR response elements (PPRE) and modulates the transcription of its target genes, such as acyl-CoA oxidase. It therefore controls the peroxisomal beta-oxidation pathway of fatty acids. Key regulator of adipocyte differentiation and glucose homeostasis. ARF6 acts as a key regulator of the tissue-specific adipocyte P2 (aP2) enhancer. Acts as a critical regulator of gut homeostasis by suppressing NF-kappa-B-mediated proinflammatory responses. Plays a role in the regulation of cardiovascular circadian rhythms by regulating the transcription of ARNTL/BMAL1 in the blood vessels (By similarity). [UniProt]

Application Notes

Titration of the PPARG antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1-30 from the human protein was used as the immunogen for this PPARG antibody.

Storage

Aliquot the PPARG antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com