

PPAR Gamma Antibody PE Conjugated

Catalog No: #C05323P

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Description

Product Name	PPAR Gamma Antibody PE Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 170-220 505 derived from human PPAR Gamma
Conjugates	PE
Target Name	PPAR Gamma
Other Names	GLM1; CIMT1; NR1C3; PPARG1; PPARG2; PPARgamma; Peroxisome proliferator-activated receptor gamma; PPAR-gamma; Nuclear receptor subfamily 1 group C member 3; PPARG
Accession No.	Swiss-Prot#P37231NCBI Gene ID5468
Uniprot	P37231
GeneID	5468;
Excitation Emission	480,565nm 578nm
Cell Localization	Cytoplasm, Nucleus
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=1:50-200 IF=1:50-200

Background

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).

Note: This product is for in vitro research use only