

Product Datasheet

PPAR gamma Rabbit Polyclonal Antibody (orb11291)

Catalog Number	orb11291
Category	Antibodies
Description	PPAR gamma Rabbit Polyclonal Antibody
Target	PPARG
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Gallus, Porcine, Rabbit, Sheep
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human PPAR Gamma (101-200/505aa)
UniProt ID	P37231

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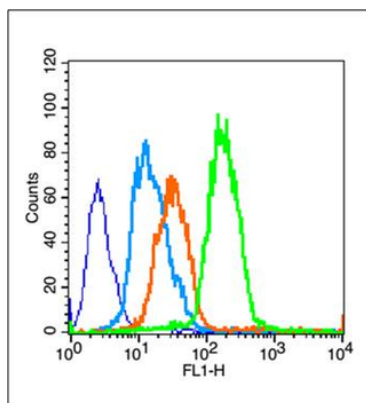
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RRID	AB_10748918
MW	57 kDa
Tested applications	FC, ICC, WB
Dilution range	WB=1:500-2000, ICC/IF=1:100-500, Flow-Cyt=1µg/Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control (blue line): U251, Primary Antibody (green line): Rabbit Anti-PPARG/PPAR gamma antibody (orb11291), Dilution: 1 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC, Dilution: 1 µg/Test. Protocol, The cells were fixed with 70% ethanol (Overnight at 4°C) and then permeabilized with 90% ice-cold methanol for 30 min on ice. Cells stained with Primary Antibody for 30 min at room temperature. The cells were then incubated in 1 X PBS/2% BSA/10% goat serum to block non-specific protein-protein interactions followed by the antibody for 15 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.

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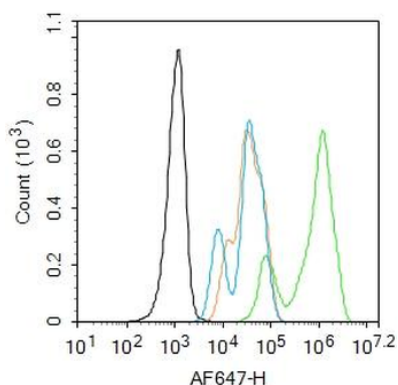
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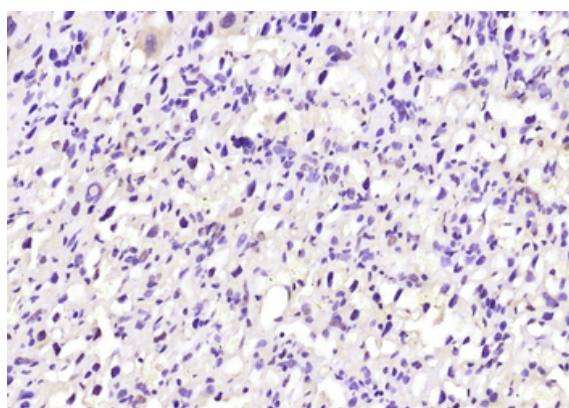
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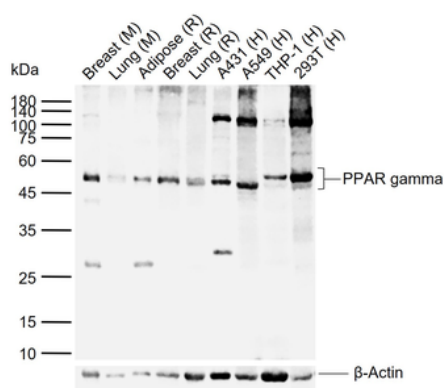
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Blank control: A431. Primary Antibody (green line): Rabbit Anti-PPAR gamma antibody (orb11291), Dilution: 1 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-AF647, Dilution: 1 µg/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Paraformaldehyde-fixed, paraffin embedded (mouse placenta), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (PPAR gamma) Polyclonal Antibody, Unconjugated (orb11291) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Lane 1: Mouse Breast tissue lysates, Lane 2: Mouse Lung tissue lysates, Lane 3: Rat Adipose tissue lysates, Lane 4: Rat Breast tissue lysates, Lane 5: Rat Lung tissue lysates, Lane 6: Human A431 cell lysates, Lane 7: Human A549 cell lysates, Lane 8: Human THP-1 cell lysates, Lane 9: Human 293T cell lysates, Primary: Anti-PPAR gamma (orb11291) at 1/500 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 57 kDa, Observed band size: 52 kDa.

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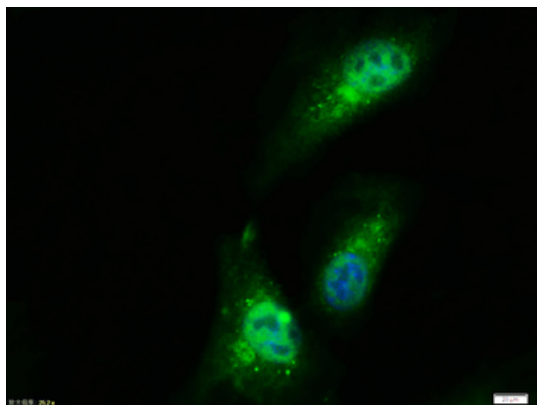
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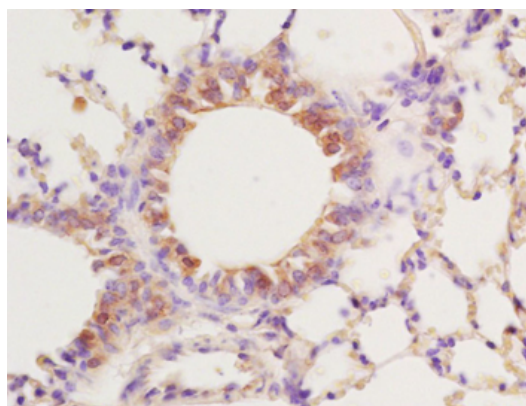
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Tissue/Cell: A549 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (PPAR gamma) polyclonal Antibody, Unconjugated (orb11291) 1:100, 90 minutes at 37°C, followed by a FITC conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.



Tissue/Cell: mouse lung tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-PPAR Gamma Polyclonal Antibody, Unconjugated (orb11291) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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