15-deoxy-Δ12,14-PGJ2 polyclonal antibody

15-deoxy-$\Delta^{12,14}$-Prostaglandin J_2 (15-d-PGJ_2) is one of the ultimate dehydration products of PGD_2, formed via the intermediate Δ^{12}-PGJ_2. 15-d-PGJ_2 is physiologically present in body fluids at concentration of 10^{-12} to 10^{-9} M, but increases dramatically under stress such as infection and inflammation. 15-d-PGJ_2 exerts both pro- and anti-inflammatory effects in a cell-type and concentration-dependent manner, with many of these effects mediated via binding to the γ isoform of the peroxisome proliferators-activated receptor (PPAR-γ). 15-d-PGJ_2 appears to induce HO-1 expression by a PPAR-γ-independent mechanism mediated by the generation of reactive oxygen species (ROS).

This antibody is covered by our Worry-Free Guarantee.

Citations: 1 View Online »

Ordering Information

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ADI-915-043-100	100µl

Manuals, SDS & CofA

View Online »

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	15-deoxy-Δ12,14-Prostaglandin J2
Application	ELISA
Formulation	Liquid. In PBS containing 1.0mg/ml Rabbit IgG and 0.1% sodium azide.
Host	Rabbit
Immunogen	15-deoxy-Δ12,14-PGJ2 conjugated to a protein carrier molecule.
Purity Detail	Sodium sulfate precipitation purified.
Source	Purified from rabbit serum.
Species Reactivity	Species independent
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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