

Datasheet for ABIN655880
anti-PPARD antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	PPARD
Binding Specificity:	AA 367-394, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPARD antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This PPARD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 367-394 amino acids from the C-terminal region of human PPARD.
Clone:	RB31677
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PPARD
Alternative Name:	PPARD (PPARD Products)
Background:	This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) family.

Target Details

PPARs are nuclear hormone receptors that bind peroxisome proliferators and control the size and number of peroxisomes produced by cells. PPARs mediate a variety of biological processes, and may be involved in the development of several chronic diseases, including diabetes, obesity, atherosclerosis, and cancer. This protein is a potent inhibitor of ligand-induced transcription activity of PPAR alpha and PPAR gamma. It may function as an integrator of transcription repression and nuclear receptor signaling. The expression of this gene is found to be elevated in colorectal cancer cells. The elevated expression can be repressed by adenomatosis polyposis coli (APC), a tumor suppressor protein related to APC/beta-catenin signaling pathway. Knockout studies in mice suggested the role of this protein in myelination of the corpus callosum, lipid metabolism, and epidermal cell proliferation. Alternate splicing results in multiple transcript variants.

Molecular Weight: 49903

Gene ID: 5467

NCBI Accession: [NP_001165289](#), [NP_001165290](#), [NP_001165291](#), [NP_006229](#), [NP_803184](#)

UniProt: [Q03181](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Positive Regulation of Peptide Hormone Secretion](#), [Steroid Hormone Mediated Signaling Pathway](#), [Monocarboxylic Acid Catabolic Process](#), [Smooth Muscle Cell Migration](#), [Positive Regulation of fat Cell Differentiation](#)

Application Details

Application Notes: WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

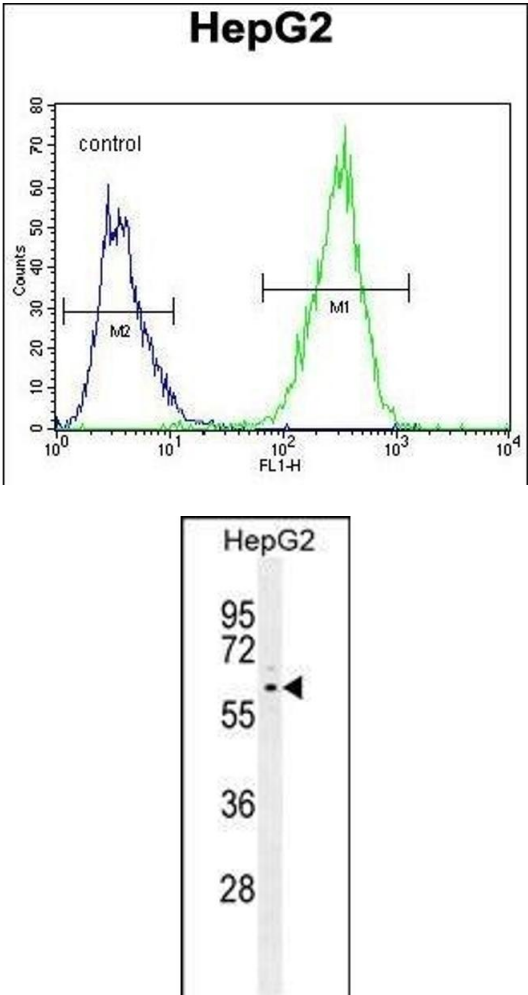
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small

aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Flow Cytometry

Image 1. ARD Antibody (C-term) (ABIN655880 and ABIN2845281) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. ARD Antibody (C-term) (ABIN655880 and ABIN2845281) western blot analysis in HepG2 cell line lysates (35 µg/lane).This demonstrates the ARD antibody detected the ARD protein (arrow).