

Datasheet for ABIN7250308

**anti-PPARD antibody****2** Images[Go to Product page](#)

## Overview

|              |  |
|--------------|--|
| Quantity:    | 200 µL   |
| Target:      | PPARD  |
| Reactivity:  | Human, Mouse, Rat  |
| Host:        | Mouse  |
| Clonality:   | Monoclonal   |
| Conjugate:   | This PPARD antibody is un-conjugated   |
| Application: | Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                  |   |
|------------------|---|
| Immunogen:       | Recombinant Protein of PPAR Delta of PPAR Delta |
| Clone:           | 5F4   |
| Isotype:         | IgG   |
| Characteristics: | Monoclonal Antibody                             |
| Purification:    | Protein A purification                          |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | PPARD  |
| Alternative Name: | PPARD ( <a href="#">PPARD Products</a> )   |
| Background:       | This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) family.<br>PPARs are nuclear hormone receptors that bind peroxisome proliferators and control the size |

## Target Details

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.

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: IHC 1:100-200, IF 1:100-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

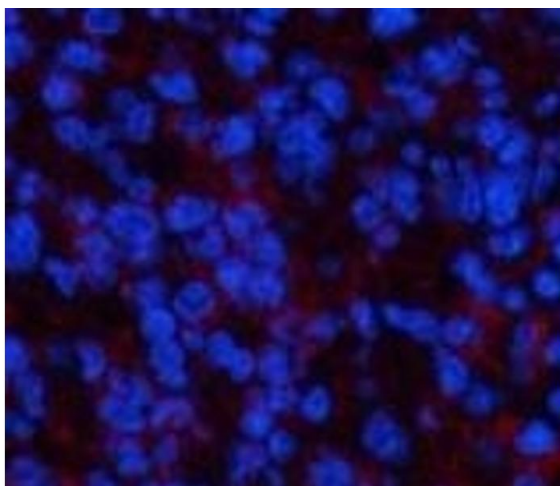
Buffer: PBS with 0.02 % sodium azide, 0.5 % BSA and 50 % glycerol, pH 7.4

Preservative: Sodium azide

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

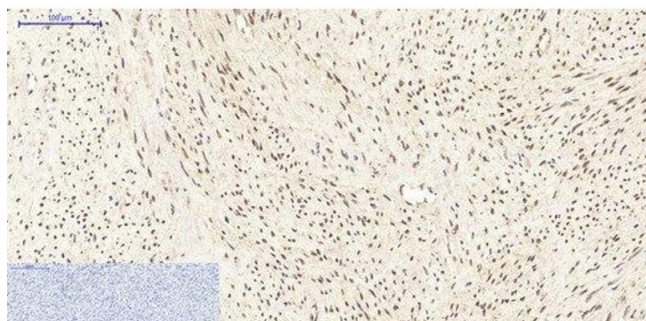
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of Mouse spleen tissue using PPARD Monoclonal Antibody at dilution of 1:200.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Human uterus tissue using PPARD Monoclonal Antibody at dilution of 1:200.