

**Product Name: PPAR delta (4G5) Mouse Monoclonal Antibody**  
**Catalog #: AMM00782**



---

## Summary

|                        |  |
|------------------------|--|
| <b>Production Name</b> | PPAR delta (4G5) Mouse Monoclonal Antibody |
| <b>Description</b>     | Primary antibody                           |
| <b>Host</b>            | Mouse                                      |
| <b>Application</b>     | WB,IHC-P                                   |
| <b>Reactivity</b>      | Human,Rat,Mouse                            |

## Performance

|                     |  |
|---------------------|--|
| <b>Conjugation</b>  | Unconjugated   |
| <b>Modification</b> | Unmodified   |
| <b>Isotype</b>      | IgG1   |
| <b>Clonality</b>    | Monoclonal Antibody  |
| <b>Form</b>         | Liquid   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| <b>Buffer</b>       | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.          |
| <b>Purification</b> | Affinity Purified  |

## Immunogen

|                          |  |
|--------------------------|--|
| <b>Gene Name</b>         | PPARD  |
| <b>Alternative Names</b> | FAAR; NR1C2; NUC1; Peroxisome proliferative activated receptor delta |
| <b>Gene ID</b>           | 5467   |
| <b>SwissProt ID</b>      | Q03181   |

## Application

|                         |  |
|-------------------------|--|
| <b>Dilution Ratio</b>   | WB: 1/500-1/1000 IHC: 1/50-1/100           |
| <b>Molecular Weight</b> | Calculated MW: 50 kDa; Observed MW: 50 kDa |

## Background

---

**Product Name: PPAR delta (4G5) Mouse Monoclonal Antibody**  
**Catalog #: AMM00782**

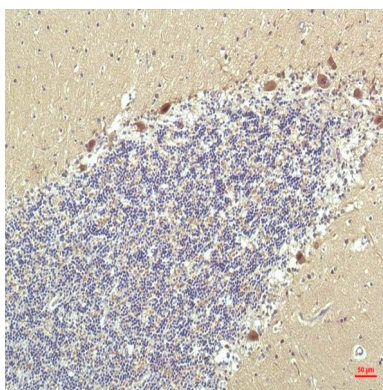


Ligand-activated transcription factor. Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Has a preference for poly-unsaturated fatty acids, such as gamma-linoleic acid and eicosapentanoic acid. Once activated by a ligand, the receptor binds to promoter elements of target genes. Regulates the peroxisomal beta-oxidation pathway of fatty acids. Functions as transcription activator for the acyl-CoA oxidase gene. Decreases expression of NPC1L1 once activated by a ligand.

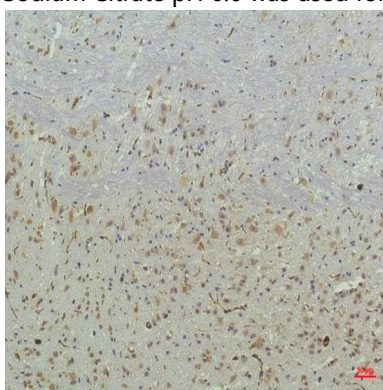
## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Immunohistochemistry analysis of paraffin-embedded Human Brain Tissue using PPAR delta (4G5) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using PPAR delta (4G5) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## Note

For research use only.