

# PPAR gamma Monoclonal Antibody (K.242.9)

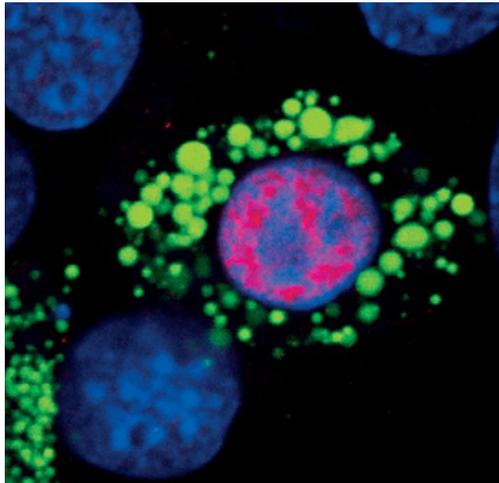
| Product Details    |   |
|--------------------|---|
| Size               | 100 µL  |
| Species Reactivity | Human, Mouse, Rat   |
| Published Species  | Mouse   |
| Host/Isotope       | Rabbit / IgG  |
| Class              | Monoclonal  |
| Type               | Antibody  |
| Clone              | K.242.9   |
| Conjugate          | Unconjugated  |
| Immunogen          | Synthetic peptide corresponding to residues surrounding Asp69 of human PPAR-gamma |
| Form               | Liquid  |
| Purification       | Affinity chromatography   |
| Storage buffer     | 0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol                  |
| Contains           | <0.02% sodium azide   |
| Storage Conditions | -20°C   |
| RRID               | AB_10985650   |

| Applications                              | Tested | Dilution | Published      |
|---|--------|----------|----------------|
| Western Blot (WB)                         | ✓      | 1:1000   | 7 Publications |
| Immunocytochemistry (ICC)                 | ✓      | 1:100    | 1 Publication  |
| Immunofluorescence (IF)                   | ✓      | 1:100    | 1 Publication  |
| Immunohistochemistry (Paraffin) (IHC (P)) | ✓      | 1:800    |                |

## Product Specific Information

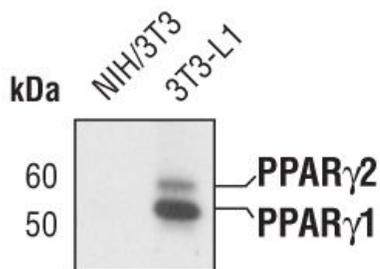
It is not recommended to aliquot this antibody.

## Product Images For PPAR gamma Monoclonal Antibody (K.242.9)



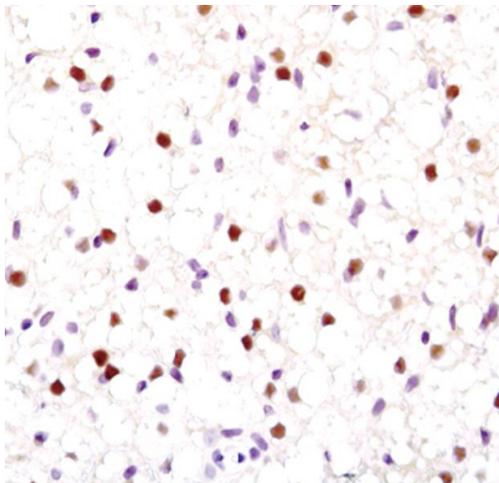
### PPAR gamma Antibody (MA5-14889) in IF

Immunofluorescent analysis of PPAR-gamma in 3T3-L1 cells using a PPAR-gamma monoclonal antibody (Product # MA5-14889) (red) showing nuclear localization in differentiated cells. Lipid droplets have been labeled with a BODIPY fluorescent dye (green). DNA is labeled using a fluorescent blue dye.



### PPAR gamma Antibody (MA5-14889) in WB

Western blot analysis of PPAR-gamma in extracts from NIH/3T3 and 3T3-L1 cells (differentiated 6 days) using PPAR-gamma monoclonal antibody (Product # MA5-14889).



### PPAR gamma Antibody (MA5-14889) in IHC

Immunohistochemical analysis of PPAR-gamma in paraffin-embedded mouse brown fat using a PPAR-gamma monoclonal antibody (Product # MA5-14889).

[View more figures on thermofisher.com](https://www.thermofisher.com)

## 9 References

### Western Blot (7)

|  |   |
|--|---|
| <b>Diabetes</b><br><b>Id1 Promotes Obesity by Suppressing Brown Adipose Thermogenesis and White Adipose Browning.</b><br>"MA514889 was used in western blot to study the contribution of Id1 to brown adipose tissue thermogenesis and to the regulation of beige adipocytes in white adipose tissue"<br>Authors: Patil M, Sharma BK, Elattar S, Chang J, Kapil S, Yuan J, Satyanarayana A | <b>Species</b><br>Mouse<br><b>Dilution</b><br>1:1000<br><b>Year</b><br>2017 |
|--|---|

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|---|--|
| <b>Metabolism: clinical and experimental</b><br><b>A new hope for obesity management: Boron inhibits adipogenesis in progenitor cells through the Wnt/-catenin pathway.</b><br>"MA514889 was used in immunocytochemistry and western blot to investigate the effects of boron treatment on adipogenesis"<br>Authors: Doan A, Demirci S, Apdik H, Bayrak OF, Gulluoglu S, Tuysuz EC, Gusev O, Rizvanov AA, Nikerel E, ahin F | <b>Species</b><br>Mouse<br><b>Dilution</b><br>Not Cited<br><b>Year</b><br>2017 |
|---|--|

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### Immunocytochemistry (1)

|  |  |
|--|--|
| <b>Proceedings of the National Academy of Sciences of the United States of America</b><br><b>Ebf2 is a selective marker of brown and beige adipogenic precursor cells.</b><br>"MA5-14889 was used in immunocytochemistry to examine the expression of Ebf2 in adipogenic precursor cells"<br>Authors: Wang W, Kissig M, Rajakumari S, Huang L, Lim HW, Won KJ, Seale P | <b>Species</b><br>Mouse<br><b>Dilution</b><br>Not Cited<br><b>Year</b><br>2014 |
|--|--|

### Immunofluorescence (1)

|  |  |
|--|--|
| <b>Proceedings of the National Academy of Sciences of the United States of America</b><br><b>Ebf2 is a selective marker of brown and beige adipogenic precursor cells.</b><br>"MA5-14889 was used in immunocytochemistry to examine the expression of Ebf2 in adipogenic precursor cells"<br>Authors: Wang W, Kissig M, Rajakumari S, Huang L, Lim HW, Won KJ, Seale P | <b>Species</b><br>Mouse<br><b>Dilution</b><br>Not Cited<br><b>Year</b><br>2014 |
|--|--|

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