

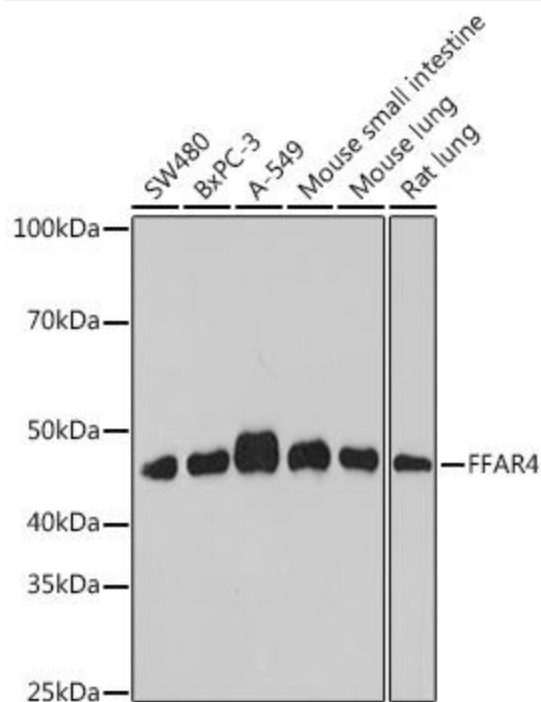


# FFAR4 Mouse mAb

|                                    |                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-18513                                                                                                                                                                                                                                                                                                                                                          |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>                   |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>                   | A synthetic peptide corresponding to a sequence within amino acids 100-200 of human FFAR4 (NP_859529.2).                                                                                                                                                                                                                                                              |
| <b>Specificity</b>                 |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Formulation</b>                 |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>                      |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Purification</b>                | Affinity purification                                                                                                                                                                                                                                                                                                                                                 |
| <b>Dilution</b>                    | WB 1:500 - 1:1000                                                                                                                                                                                                                                                                                                                                                     |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>                    | GT01;PGR4;OB10Q;BMIQ10;GPR120;GPR129;O3FAR1;FFAR4                                                                                                                                                                                                                                                                                                                     |
| <b>Observed Band</b>               | 42kDa                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Calculated Molecular Weight</b> | 40kDa                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Cell Pathway</b>                |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Tissue Specificity</b>          |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Function</b>                    |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Background</b>                  | This gene encodes a G protein-coupled receptor (GPR) which belongs to the rhodopsin family of GPRs. The encoded protein functions as a receptor for free fatty acids, including omega-3, and participates in suppressing anti-inflammatory responses and insulin sensitizing. Multiple transcript variants encoding different isoforms have been found for this gene. |
| <b>matters needing attention</b>   | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                  |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western blot analysis of various lysates using FFAR4 Mouse pAb (A18342) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.