

# Anti-AMPK beta 1 [2F2-4F9] Monoclonal Antibody

## AGMB04172

### Description

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This Anti-AMPK beta 1 [2F2-4F9] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SKU:</b>           | AGMB04172                                                                                                                                                                |
| <b>Contents:</b>      | 20µl, 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml)                                                                                                                      |
| <b>Synonyms:</b>      | 5' ' -AMP-activated protein kinase subunit beta-1, AMP-activated, noncatalytic, beta-1, AMPK, AMPK beta 1 chain, AMPK subunit beta-1, AMPK-BETA-1, AMPKb, HAMPKb, PRKAB1 |
| <b>Applications:</b>  | <b>WB</b>                                                                                                                                                                |
| <b>Research Area:</b> | Signal Transduction                                                                                                                                                      |
| <b>Form:</b>          | Liquid                                                                                                                                                                   |

### Antibody Data

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|----------------------|--------------------------------|
| <b>Reactivity:</b>   | Human                          |
| <b>Clone:</b>        | 2F2-4F9                        |
| <b>Clonality:</b>    | Monoclonal Antibody            |
| <b>SwissProt ID:</b> | Q9Y478                         |
| <b>Immunogen:</b>    | Recombinant Protein of AMPKβ1. |
| <b>Gene ID:</b>      | 5564                           |

#### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

**Gene Name:** PRKAB1

**Host Species:** Mouse

**Isotype:** IgG

**Purification:** Affinity Purified

**Conjugated:** Unconjugated

**Modification:** Unmodified

**Molecular Weight:** Calculated MW: 30 kDa, Observed MW: 38 kDa

## Preparation & Storage

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**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

|                                 | Application | Antibody Dilution Ratio |
|---------------------------------|-------------|-------------------------|
| <b>Antibody Dilution Ratio:</b> | WB          | 1:500-1:1000            |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.