

# Anti-Rat IgG1 [2D2] Monoclonal Antibody

AGMB04694

## Description

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This Anti-Rat IgG1 [2D2] 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>           | AGMB04694                                     |
| <b>Contents:</b>      | 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml) |
| <b>Synonyms:</b>      | IgG1, Ig gamma-1 chain C region               |
| <b>Applications:</b>  | <b>WB</b> <b>ELISA</b>                        |
| <b>Research Area:</b> | -   |
| <b>Form:</b>          | Liquid  |

## Antibody Data

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|----------------------|---------------------|
| <b>Reactivity:</b>   | Rat                 |
| <b>Clone:</b>        | 2D2                 |
| <b>Clonality:</b>    | Monoclonal Antibody |
| <b>SwissProt ID:</b> | P20759              |
| <b>Immunogen:</b>    | Rat IgG1            |
| <b>Gene ID:</b>      | 299354              |
| <b>Gene Name:</b>    | Ighg1               |

### Manufacturers Statement

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

**Host Species:** Mouse

**Isotype:** IgG1

**Purification:** Affinity Purified

**Conjugated:** Unconjugated

**Modification:** Unmodified

**Molecular Weight:** Calculated MW: 36 kDa, Observed MW: 36 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 0.09% sodium azide as a preservative.

| Antibody Dilution Ratio: | Application | Antibody Dilution Ratio |
|--------------------------|-------------|-------------------------|
|                          | WB          | 1:500-1:1000            |
|                          | ELISA       | 1:125-500               |

**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.