

# Anti-Peroxiredoxin 2 [R01-0F0] Monoclonal Antibody

## AGMB01559

### Description

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This Anti-Peroxiredoxin 2 [R01-0F0] 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>           | AGMB01559                                                                                                                                                                                                |
| <b>Contents:</b>      | 20µl, 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml)                                                                                                                                                      |
| <b>Synonyms:</b>      | PRDX2, NKEFB, TDPX1, Peroxiredoxin-2, Natural killer cell-enhancing factor B, NKEF-B, PRP, Thiol-specific antioxidant protein, TSA, Thioredoxin peroxidase 1, Thioredoxin-dependent peroxide reductase 1 |
| <b>Applications:</b>  | <b>WB</b> <b>ICC/IF</b> <b>FC</b>                                                                                                                                                                        |
| <b>Research Area:</b> | Neuroscience                                                                                                                                                                                             |
| <b>Form:</b>          | Liquid                                                                                                                                                                                                   |

### Antibody Data

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|----------------------|--------------------------------------------------|
| <b>Reactivity:</b>   | Human, Mouse, Rat                                |
| <b>Clone:</b>        | R01-0F0                                          |
| <b>Clonality:</b>    | Monoclonal Antibody                              |
| <b>SwissProt ID:</b> | P32119                                           |
| <b>Immunogen:</b>    | A synthetic peptide of human Peroxiredoxin 2/PRP |
| <b>Gene ID:</b>      | 7001                                             |

#### Manufacturers Statement

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| <b>Gene Name:</b>        | PRDX2                                      |
| <b>Host Species:</b>     | Rabbit                                     |
| <b>Isotype:</b>          | IgG                                        |
| <b>Purification:</b>     | Affinity Purified                          |
| <b>Conjugated:</b>       | Unconjugated                               |
| <b>Modification:</b>     | Unmodified                                 |
| <b>Molecular Weight:</b> | Calculated MW: 22 kDa, Observed MW: 22 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 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

| <b>Antibody Dilution Ratio:</b> | Application | Antibody Dilution Ratio |
|---------------------------------|-------------|-------------------------|
|                                 | WB          | 1:1000-1:5000           |
|                                 | ICC/IF      | 1:100-1:200             |
|                                 | FC          | 1:100-1:1000            |

**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.