# Recombinant Peroxiredoxin 4 Monoclonal Antibody

## Description

This Recombinant Peroxiredoxin 4 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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|---|---|
| **SKU:** | RMEA2996 |
| **Contents:** | Recombinant Peroxiredoxin 4 Monoclonal Antibody (50 µL, 100 µL)<br>Bradford Reagent: 1 vial (2ml) |
| **Clone:** | C122996 |
| **Applications:** | WB, IHC |
| **Reactivity:** | Human, Mouse, Rat |

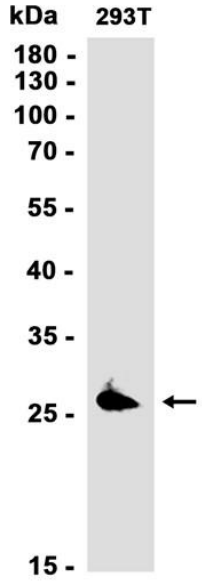
## Antibody Data

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|---|---|
| **Uniprot ID:** | Q13162 |
| **Size:** | 50 µL, 100 µL |
| **Host Species:** | Rabbit |
| **Isotype:** | Rabbit IgG |
| **Conjugation:** | Unconjugated |
| **Buffer:** | 0.2 µm filtered solution in PBS |

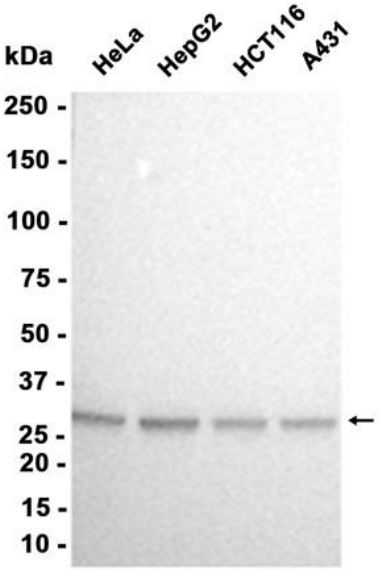
## Preparation & Storage

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|---|---|
| **Storage:** | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.<br>Store Bradford Reagent at Room Temperature for 1 Year. |
| **Shipping:** | Gel Pack |
| **Preparation:** | WB 1:2000-1:20000, IHC-P 1:100-1:200 |
| **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 |
| **Notes:** | Centrifuge before opening to ensure complete recovery of vial contents. |

## Validation Data




Western Blot analysis of 293T cells using Peroxiredoxin 4 Monoclonal Antibody.
Observed-MW:27 kDa Calculated-MW:31 kDa




Western Blot analysis of HeLa, HepG2, HCT116, A431 cells using Peroxiredoxin 4 Monoclonal Antibody at dilution of 1:5000.
Observed-MW:27 kDa Calculated-MW:31 kDa

**Manufacturers Statement**

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