

Anti-Peroxiredoxin 6 Antibody (2X325)

Product Details

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| Ig Type: | Mouse IgG1 |
| Reactivity: | Human |
| Conjugation: | Unconjugated |
| Clone: | 2X325 |
| Purification: | Protein A |

Applications

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| Verified Activity: | Immunochemical staining of human PRDX6 in human brain with mouse monoclonal antibody (1:60, formalin-fixed paraffin embedded sections). Positive staining was localized to neuroglia cells. |
| Application: | ELISA,IHC-P |
| Recommended | ELISA: 1:1000-1:2000; IHC-P: 1:50-1:200 |

Properties

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| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | Recombinant Protein: Human Peroxiredoxin 6 / PRDX6 protein (TMPY-02201) |
| Antigen Species: | Human |
| Synonyms: | HEL-S-128m;aiPLA2;p29;NSGPx;PRX;1-Cys;AOP2;peroxiredoxin 6 |

Research Background

PRDX6, a member of antioxidant protein superfamily, plays an important role in oxidative stress, catabolism of lipids and phospholipid liposomes. Peroxiredoxin 6 (PRDX6) is involved in redox regulation of the cell and is thought to be protective against oxidant injury. Peroxiredoxin 6 (PRDX6) is a bifunctional protein with both glutathione peroxidase (GPx) and iPLA2 activities, which are concomitantly increased with the expression of PRDX6. PRDX6 promoted lung tumor growth in an in vivo allograft model.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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