

Peroxiredoxin 6/PRDX6 Monoclonal Antibody

catalog number: **AN200048P**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

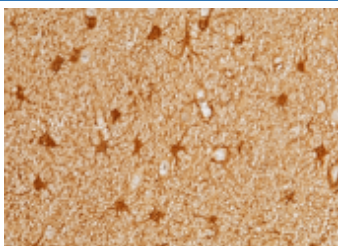
Description

Reactivity	Human
Immunogen	Recombinant Human Peroxiredoxin 6 / PRDX6 protein
Host	Mouse
Isotype	IgG1
Clone	11G2
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS with 10% Trehalose, pH7.0

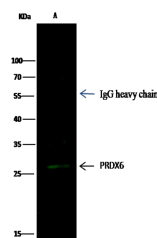
Applications

Applications	Recommended Dilution
IHC-P	1:50-1:200
IP	4-6 µL/mg of lysate

Data



Immunohistochemistry of paraffin-embedded human brain using Peroxiredoxin 6 / PRDX6 Monoclonal Antibody at dilution of 1:60.



Immunoprecipitation analysis using 2 µL anti-PRDX6 mouse Monoclonal Antibody and 15 µL of 50 % Protein G agarose. Western blot was performed from the immunoprecipitate using PRDX6 mouse Monoclonal Antibody at a dilution of 1:500. Lane A: 0.5 mg HeLa Whole Cell Lysate

Preparation & Storage

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.
Shipping	Ice bag

Background

The protein encoded by this gene is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell; it can reduce H₂O₂ and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury.

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