

## Peroxiredoxin 6/PRDX6 Monoclonal Antibody

catalog number: **AN200048P**

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

### Description

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

### Applications Recommended Dilution

<b>IHC-P</b>	1:50-1:200
<b>IP</b>	4-6 µL/mg of lysate

### Preparation & Storage

<b>Storage</b>	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.
<b>Shipping</b>	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 H<sub>2</sub>O<sub>2</sub> 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.