

## PRDX5 antibody

#Cat: NB-19-0044

Size: 0,1mg

### Immunogen Data

**Description:** Peroxiredoxin-5 (PRDX5) belongs to the family of thiol-dependent peroxidases that catalyzes the reduction of hydrogen peroxide and organic hydroperoxides to water and alcohols, respectively. Peroxiredoxin-5 plays a role in cell protection against oxidative stress by detoxifying peroxides and as sensor of hydrogen peroxide-mediated signaling events. Peroxiredoxin 5 is widely expressed in various subcellular regions, including mitochondria, peroxisomes, nucleus and cytosol. Peroxiredoxin-5 has a molecular mass of 22 kDa. It has been described that PRDX5 could be a biomarker for Dry Eye Syndrome (Patent num. EP10382229.2)

**Immunogen:** Protein corresponding to full-length Human PRDX5 (aa 1-214; P30044).

**Synonyms:** ACR1, AOEB166, B166, HEL-S-55, PLP, PMP20, PRDX6, PRXV, prx-V, SBB10, peroxiredoxin 5.

### Antibody Data

**Host:** Mouse

**Clonality:** Monoclonal      **Clone:** P5H6      **Isotype:** IgG1 k

**Species Reactivity:** PRDX5 protein

**Volume:** bulk quantity

**Concentration:** lot dependent

**Purity:** Protein G affinity purified

**Storage Buffer:** Phosphate-buffered Saline pH 7,4

**Storage Instruction:** Aliquots should be stored at -20°C or -80°C. Avoid freeze-thaw cycles.

### Applications

**Tested Applications:** ELISA. The usefulness of this product in other applications has not been determined.

For Research Use Only. Not for Diagnostic or Therapeutic Use.