

PRDX5 antibody

#Cat: NB-19-0043

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, SBB110, peroxiredoxin 5.

Antibody Data

Host: Mouse

Clonality: Monoclonal **Clone:** P3G1 **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.

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Use