

Product datasheet for **AM31913PU-N**

Peroxiredoxin 5 (PRDX5) Mouse Monoclonal Antibody [Clone ID: 12A]

Product data:

Product Type:	Primary Antibodies
Clone Name:	12A
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: Immunohistochemistry on Paraffin Sections: 1/200. Western Blot: 1/2000.
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant Human fragment protein (without mitochondrial leader sequence) purified from E. coli
Specificity:	Recognizes PRDX5 / Peroxiredoxin 5
Formulation:	HEPES with 0.15M NaCl, 0.01% BSA, 0.03% Sodium Azide and 50% Glycerol State: Purified State: Liquid Ig fraction
Purification:	Ammonium Sulfate Precipitation
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	peroxiredoxin 5
Database Link:	Entrez Gene 54683 Mouse Entrez Gene 113898 Rat Entrez Gene 25824 Human P30044



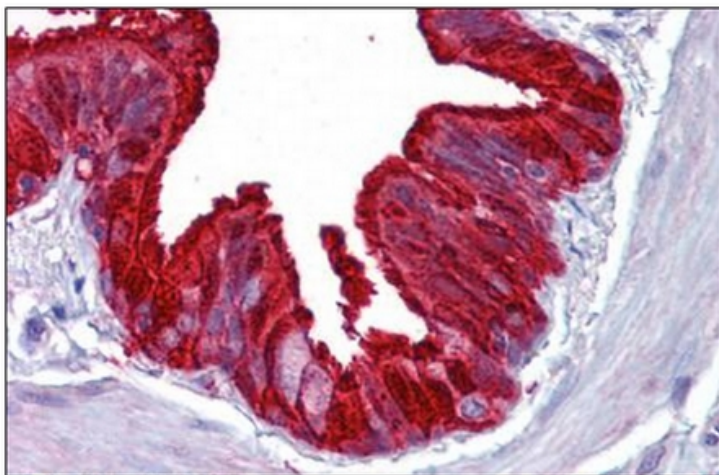
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Background: PRDX5 is a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. This protein may play an antioxidant protective role in different tissues under normal conditions and during inflammatory processes. This protein interacts with peroxisome receptor 1. The crystal structure of this protein in its reduced form has been resolved to 1.5 angstrom resolution.

Synonyms: PRDX5, ACR1, Alu corepressor 1, AOEB166, PLP, Peroxiredoxin V, Prx-V, TPx type VI, Thioredoxin peroxidase PMP20, Thioredoxin reductase

Protein Families: Druggable Genome

Product images:



Human Lung, Respiratory Epithelium: Formalin-Fixed, Paraffin-Embedded (FFPE)