Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human PRDX5 mAb(DET)

Catalog No.: RM18052

Basic Information

Catalog No.
RM18052

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

Contact

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Background

This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein interacts with peroxisome receptor 1 and plays an antioxidant protective role in different tissues under normal conditions and during inflammatory processes. The use of alternate transcription start sites is thought to result in transcript variants that use different in-frame translational start codons to generate isoforms that are targeted to the mitochondrion (isoform L) or peroxisome/cytoplasm (isoform S). Multiple related pseudogenes have been defined for this gene.

Immunogen Information

Immunogen
Recombinant Human PRDX5

Cross-Reactivity

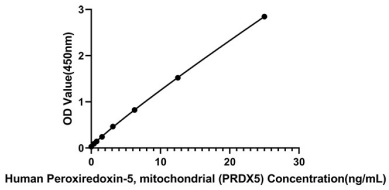
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Assay Applications

Human PRDX5 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-Human PRDX5 (CAP)(Cat. No.RM18051)
ELISA Detection	0.025-0.1ug/mL	Rabbit anti-Human PRDX5 (DET)(Cat. No.RM18052)
Standard	0.39-25ng/mL	Recombinant Human PRDX5 Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for eachassay.