



Anti-PRDX3 monoclonal antibody, clone FQS9225 (DCABH-2193)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Peroxiredoxin 3
Antigen Description	Involved in redox regulation of the cell. Protects radical-sensitive enzymes from oxidative damage by a radical-generating system. Acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol.
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQS9225
Conjugate	Unconjugated
Applications	IHC-P, WB, ICC/IF
Positive Control	HeLa, 293T, MCF-7, and A431 cell lysates; Human liver and thyroid gland carcinoma tissues; MCF-7 cells.
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Preservative: 0.01% Sodium azide; Constituents: 49% PBS, 50% Glycerol, 0.05% BSA
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	PRDX3 peroxiredoxin 3 [Homo sapiens]
Official Symbol	PRDX3
Synonyms	PRDX3; peroxiredoxin 3; antioxidant protein 1 , AOP1; thioredoxin-dependent peroxide reductase, mitochondrial; AOP 1; MER5; SP 22; peroxiredoxin-3; peroxiredoxin III; protein MER5 homolog; antioxidant protein 1; AOP1; AOP-1; SP-22; HBC189; PRO1748; prx-II
Entrez Gene ID	10935
Protein Refseq	NP_006784
UniProt ID	P30048
Chromosome Location	10q25-q26
Pathway	Selenium Pathway, organism-specific biosystem; Validated targets of C-MYC transcriptional activation, organism-specific biosystem;
Function	alkyl hydroperoxide reductase activity; cysteine-type endopeptidase inhibitor activity involved in apoptotic process; identical protein binding; kinase binding; oxidoreductase activity; peroxidase activity; peroxiredoxin activity; protein C-terminus bindi