



Anti-PRDX5 monoclonal antibody, clone FQS25639(C) (DCABH-6675)

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

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Peroxiredoxin 5
Antigen Description	Reduces hydrogen peroxide and alkyl hydroperoxides with reducing equivalents provided through the thioredoxin system. Involved in intracellular redox signaling.
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human Peroxiredoxin 5 aa 50-150. The exact sequence is proprietary. Database link: P30044
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS25639(C)
Conjugate	Unconjugated
Applications	WB, ICC/IF, Flow Cyt, IP
Positive Control	HepG2, HeLa, Jurkat and A549 cell lysates; HeLa cells.
Format	Liquid
Size	100 µl
Buffer	Preservative: 0.01% Sodium azide; Constituents: 59% PBS, 0.05% BSA, 40% Glycerol
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

Ship

Shipped at 4°C.

GENE INFORMATION

Gene Name	PRDX5 peroxiredoxin 5 [Homo sapiens]
Official Symbol	PRDX5
Synonyms	PRDX5; peroxiredoxin 5; peroxiredoxin-5, mitochondrial; ACR1; Alu co repressor 1; antioxidant enzyme B166; AOEB166; B166; liver tissue 2D page spot 71B; MGC117264; MGC142283; MGC142285; peroxisomal antioxidant enzyme; PLP; PMP20; PRDX6; PRXV; SBBI10; thio
Entrez Gene ID	25824
Protein Refseq	NP_036226
UniProt ID	P30044
Chromosome Location	11q13
Pathway	Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem; Selenium Pathway, organism-specific biosystem;
Function	cysteine-type endopeptidase inhibitor activity involved in apoptotic process; oxidoreductase activity; peroxidase activity; peroxiredoxin activity;