



# Anti-PRDX2 monoclonal antibody, clone FQS6266 (DCABH-2734)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit monoclonal to Peroxiredoxin 2
<b>Antigen Description</b>	Involved in redox regulation of the cell. Reduces peroxides with reducing equivalents provided through the thioredoxin system. It is not able to receive electrons from glutaredoxin. May play an important role in eliminating peroxides generated during metabolism. Might participate in the signaling cascades of growth factors and tumor necrosis factor-alpha by regulating the intracellular concentrations of H <sub>2</sub> O <sub>2</sub> .
<b>Immunogen</b>	Synthetic peptide corresponding to residues in Human Peroxiredoxin 2 (UniProt ID: P32119).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Rat, Human
<b>Clone</b>	FQS6266
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC/IF, IP, Flow Cyt
<b>Positive Control</b>	293T, HepG2, LnCaP and U937 cell lysates; HeLa cells
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.40; Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
<b>Storage</b>	Store at -20°C. Stable for 12 months at -20°C

# GENE INFORMATION

Gene Name	<a href="#">PRDX2 peroxiredoxin 2 [ Homo sapiens ]</a>
Official Symbol	PRDX2
Synonyms	PRDX2; peroxiredoxin 2; TDPX1; peroxiredoxin-2; MGC4104; natural killer enhancing factor B; NKEFB; PRP; PRX2; PRXII; thiol specific antioxidant 1; thioredoxin peroxidase 1; thioredoxin dependent peroxide reductase 1; torin; TSA; NKEF-B; thiol-specific ant
Entrez Gene ID	<a href="#">7001</a>
Protein Refseq	<a href="#">NP_005800</a>
UniProt ID	<a href="#">P32119</a>
Chromosome Location	19p13.2
Pathway	Selenium Pathway, organism-specific biosystem;
Function	antioxidant activity; antioxidant activity; oxidoreductase activity; thioredoxin peroxidase activity; thioredoxin peroxidase activity;