

Anti-PRDX5 antibody (53-214) (STJ114933)
STJ114933

GENERAL INFORMATION

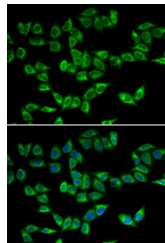
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

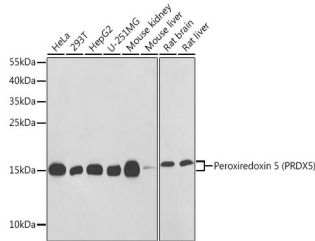
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IF/CC:1:20-1:50 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	25824
Gene Symbol	PRDX5
Uniprot ID	PRDX5_HUMAN
Immunogen	
Immunogen Region	53-214
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 53-214 of human Peroxiredoxin 5 (PRDX5) (NP_036226.2).
Immunogen Sequence	MAPIKVGDAIPAVEVFEGEP GNKVNLAELFKGKKGVLFVPGAFTPGCSKTHLPGFVEQA EALKAKGVQVWACLSVNDAF VTGEWGRAHKAEGKVRLAD PTGAFGKETDLLDDSLVSI FGNRRLRKRFMSVVQDGIVKALNVEPDGTGLTCSLAPNIIS QL



Immunofluorescence analysis of U2OS cells using Peroxiredoxin 5 (PRDX5) antibody (STJ114933). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using Peroxiredoxin 5 (PRDX5) antibody (STJ114933) at 1:1000 dilution. Secondary antibody: HRP-Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081