Rabbit anti-Human PRDX2 Monoclonal Antibody | anti-PRDX2 antibody

Anti-PRDX2 [SAIC-34B-124]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72079	**Rabbit**	**Human**	**Western Blot, ELISA**

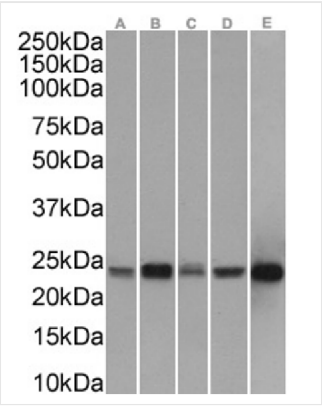
PRODUCT SYNONYMS

PRDX2; Monoclonal Antibody; Anti-PRDX2 [SAIC-34B-124]; Peroxiredoxin-2;; NKEFB; TDPX1; anti-PRDX2 antibody

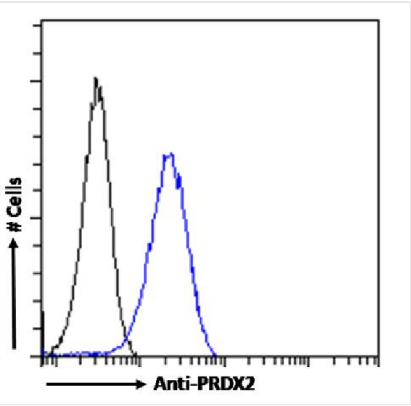
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	SAIC-34B-124
Specificity	Recognizes human PRDX2.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PRDX2 antibody	WB (Western Blot), ELISA
PMID	25512614
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



WB (Western Blot)
Western Blot using anti-PRDX2 antibody SAIC-34B-124 (AAA72079). HepG2(A) (0.003ug/ml), HeLa(B) (0.003ug/ml), MCF7(C) (0.003ug/ml), K562(D) (0.003ug/ml) and LNCaP (E) (0.001ug/ml) cell lysates (35ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of SAIC-34B-124 (), before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.



FCM/FACS (Flow Cytometry)
Flow cytometry using the Anti-PRDX2 antibody SAIC-34B-124 (AAA72079). Paraformaldehyde fixed HeLa cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody or the rabbit IgG version of SAIC-34B-124 (, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX2 antibody	Recombinant monoclonal antibody to PRDX2. Recombinant Platform with variable regions (i.e. specificity) from the B-cell cDNA library SAIC-34B-124. Peptide "LSEDYGVLK", derived from the cellular redox regulator Peroxiredoxin-2, conjugated to KLH.
Product Categories/Family for anti-PRDX2 antibody	immunoMRM
References	Schoenherr et al. Anti-peptide monoclonal antibodies generated for immuno-multiple reaction monitoring-mass spectrometry assays have a high probability of supporting Western blot and ELISA. Mol Cell Proteomics Note on publication: Describes generation a panel of recombinant antibodies using synthetic peptides of human proteins as well as validation using ELISA and multiple reaction monitoring-mass spectrometry.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456535
NCBI GeneID	7001
UniProt Accession #	P32119; P31945; P32118; P35701; Q6FHG4; Q92763; Q9UC23; A8K0C0
Molecular Weight	21,892 Da
NCBI Official Full Name	PRDX2
NCBI Official Synonym Full Names	peroxiredoxin 2
NCBI Official Symbol	PRDX2
NCBI Official Synonym Symbols	PRP; TSA; PRX2; PTX1; TPX1; NKEFB; PRXII; TDPX1; NKEF-B
NCBI Protein Information	peroxiredoxin-2; torin; thioredoxin peroxidase 1; thiol-specific antioxidant 1; natural killer cell-enhancing factor B; thioredoxin-dependent peroxide reductase 1
UniProt Protein Name	Peroxiredoxin-2
UniProt Gene Name	**PRDX2**
UniProt Synonym Gene Names	NKEFB; TDPX1; NKEF-B; TSA
UniProt Entry Name	PRDX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/prdx2-antibody-clone-saic-34b-124-western-blot-elisa/72079