

Mouse anti-Human, Rat Peroxiredoxin 2 (PRDX2) Monoclonal Antibody | anti-PRDX2 antibody

Monoclonal Antibody to Peroxiredoxin 2 (PRDX2)

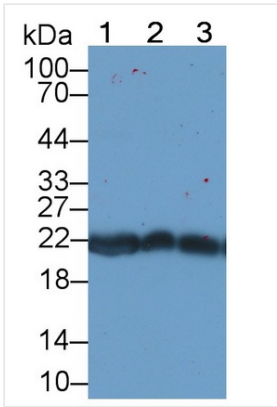
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149582	Mouse	Human, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

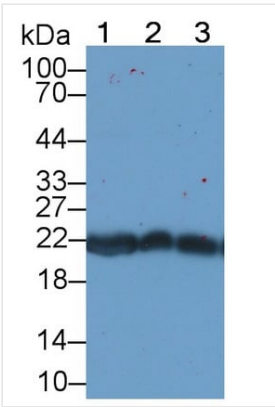
Peroxiredoxin 2 (PRDX2); Monoclonal Antibody; Monoclonal Antibody to Peroxiredoxin 2 (PRDX2); PRP; NKEFB; PRXII; TDPX1; TSA; Thioredoxin-Dependent Peroxide Reductase 1; Thiol-Specific Antioxidant 1; Natural Killer-Enhancing Factor B; Thioredoxin Peroxidase 1; Torin; anti-PRDX2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C2
Specificity	The antibody is a mouse monoclonal antibody raised against PRDX2. It has been selected for its ability to recognize PRDX2 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G Affinity Chromatography
Form/Format	Liquid; PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Ala2~Asn19 8
Applicable Applications for anti-PRDX2 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Sequence	Ala2~Asn198
Cross Reactivity	Human
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



WB (Western Blot)
Western Blot; Sample: Lane1: Rat Lung lysate; Lane2: Rat Kidney lysate; Lane3: Rat Spinal cord lysate
Primary Ab: 2?g/ml Mouse Anti-Human PRDX2 Antibody
Second Ab: 0.2ug/mL HRP-Linked Rabbit Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Lane1: Rat Lung lysate; Lane2: Rat Kidney lysate; Lane3: Rat Spinal cord lysat

ADDITIONAL INFORMATION

Product Categories/Family for anti-PRDX2 antibody	Enzyme & Kinase
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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	Peroxioredoxin-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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/peroxiredoxin-2-prdx2-antibody-clone-c2-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/149582>