

Datasheet for ABIN7428824

anti-Peroxiredoxin 2 antibody (AA 2-198)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Peroxiredoxin 2 (PRDX2)
Binding Specificity:	AA 2-198
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Peroxiredoxin 2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Monoclonal Antibody to Peroxiredoxin 2 (PRDX2)
Immunogen:	Recombinant Peroxiredoxin 2 (PRDX2) corresponding to Ala2~Asn198 with N-terminal His Tag
Clone:	C2
Isotype:	IgG1 kappa
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.
Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	Peroxiredoxin 2 (PRDX2)
Alternative Name:	PRDX2 (PRDX2 Products)
Background:	PRP, NKEFB, PRXII, TDPX1, TSA, Thioredoxin-Dependent Peroxide Reductase 1, Thiol-Specific Antioxidant 1, Natural Killer-Enhancing Factor B, Thioredoxin Peroxidase 1, Torin
UniProt:	P32119

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	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°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.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months