

Datasheet: MCA6022

Description:	MOUSE ANTI PEROXIREDOXIN 1
Specificity:	PEROXIREDOXIN 1
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	9D2
Isotype:	IgG1
Quantity:	50 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunoprecipitation	▪			1.0 - 2.0 ul/ml
Western Blotting			▪	
Immunofluorescence	▪			
Immunocytochemistry	▪			20 ul/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G
Buffer Solution	HEPES buffered saline
Preservative	0.03% Sodium Azide (NaN ₃)
Stabilisers	0.01% Bovine Serum Albumin 50% Glycerol
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant human protein purified from <i>E.coli</i>
External Database Links	UniProt: Q06830 Related reagents Entrez Gene:

Synonyms	PAGA, PAGB, TDPX2
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Specificity	Mouse anti peroxiredoxin 1 antibody, clone 9D2 , recognizes peroxiredoxin 1 also known as natural killer cell-enhancing factor A, proliferation-associated gene protein (PAG) and thioredoxin peroxidase 2. Peroxiredoxin 1 is constitutively expressed in most human tissues and is involved in cellular redox regulation.
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Western Blotting	Mouse anti peroxiredoxin 1 antibody recognizes a band of approximately 23 kDa in HeLa cell lysate
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Storage	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
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Shelf Life	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10088 available at: 10088: https://www.bio-rad-antibodies.com/uploads/MSDS/10088.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight@800
Goat Anti Mouse IgG (STAR70...)	FITC
Rabbit Anti Mouse IgG (STAR13...)	HRP
Human Anti Mouse IgG1 (HCA036...)	HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight@488 , DyLight@549 , DyLight@649 , DyLight@680 , DyLight@800 , FITC , HRP

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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