

Datasheet: MCA6026

Description:	MOUSE ANTI PEROXIREDOXIN 5
Specificity:	PEROXIREDOXIN 5
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	3F11
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
ELISA	▪			
Immunoprecipitation	▪			1.0 - 2.0 ul
Western Blotting	▪			1/1000
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	IgG fraction prepared by ammonium sulphate precipitation
Buffer Solution	HEPES buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃) 0.01% Bovine Serum Albumin 50% Glycerol
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant human peroxiredoxin 5 fragment protein (without mitochondrial leader

sequence) purified from *E.coli*.

External Database**Links****UniProt:**[P30044](#)[Related reagents](#)**Entrez Gene:**[25824](#)

PRDX5

[Related reagents](#)

Synonyms

ACR1

Specificity

Mouse anti peroxiredoxin 5 antibody, clone 3F11, recognizes peroxiredoxin 5 also known as alu co-repressor 1, antioxidant enzyme B166, liver tissue 2D-page spot 71B and thioredoxin peroxidase PMP20. Peroxiredoxin 5 is predominantly localized to the mitochondria but other isoforms have been reported to localize in the cytoplasm and peroxisomes ([Knoops et al. 1999](#)).

Western Blotting

Mouse anti peroxiredoxin 5 recognizes a band of approximately 22 kDa in HeLa, 293T and Jurkat cell lysates

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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10088 available at:
10088: <https://www.bio-rad-antibodies.com/uploads/MSDS/10088.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 ,

[FITC](#), [HRP](#)

Recommended Negative Controls

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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M389669:210806'

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