

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	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 peroxiredoxin 5 fragment protein (without mitochondrial leader sequence) purified from <i>E.coli</i> .
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 corepressor 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.
Shelf Life	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 (STAR76...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800 , FITC , 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

Recommended Negative Controls

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

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