

Datasheet: MCA6020

Description:	MOUSE ANTI mCHERRY
Specificity:	mCHERRY
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	Clone 1
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
Western Blotting	▪			10 ug/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.

Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline.
Preservative	5% Glycerol
Stabilisers	0.1% Bovine Serum Albumin 0.05mM EDTA 0.03% ProClin 300
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
Immunogen	Recombinant mCherry expressed in <i>E. coli</i>
Specificity	Mouse anti mCherry antibody recognizes the red fluorescent mCherry protein, a

monomeric engineered derivative of a fluorescent protein isolated from members of the Discosoma (mushroom coral) family. mCherry is a second generation fluorescent protein and by far the most popular red emitting fluorescent protein due to its high photostability and size (the other photostable red fluorescent protein tdTomato due to its tandem dimer nature is significantly larger than the 29 kDa mCherry protein). mCherry is optimally excited at a wavelength of 587nm and emits light at 610nm.

Fluorescent proteins are used as tags in the research environment and are fused to the N- or C-terminus of proteins of interest. They are tools enabling the visualization of proteins, protein-protein interactions and are used in cell-sorting and FRET, FRAP and FLIM imaging experiments.

Western Blotting	Mouse anti mCherry antibody recognizes a band of approximately 27 kDa on recombinant mCherry.
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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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Guarantee	12 months from date of despatch.
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Acknowledgements	ProClin is a trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.
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Health And Safety Information	Material Safety Datasheet documentation #20465 available at: https://www.bio-rad-antibodies.com/SDS/MCA6020 20465
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Regulatory	For research purposes only.
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Related Products

Recommended Secondary Antibodies

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

Recommended Useful Reagents

[RABBIT ANTI GREEN FLUORESCENT PROTEIN \(AHP2984\)](#)

[RABBIT ANTI RED FLUORESCENT PROTEIN \(AHP2987\)](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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

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