

## Datasheet: AHP2326

**BATCH NUMBER 154839**

<b>Description:</b>	RABBIT ANTI mCHERRY
<b>Specificity:</b>	mCHERRY
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			0.5 - 4.0 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.

<b>Product Form</b>	Purified IgG - liquid
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	30% Glycerol 0.5% Bovine Serum Albumin 0.03% Proclin™300 0.5mM EDTA
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	<i>E. coli</i> expressed recombinant mCherry

#### Specificity

**Rabbit 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.

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<b>Western Blotting</b>	Rabbit anti mCherry antibody recognizes a band of approximately 28.8 kDa on recombinant mCherry
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<b>Storage</b>	Store at -20°C 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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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20377 available at: 20377: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/20377.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/20377.pdf</a>
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

### Recommended Useful Reagents

[RABBIT ANTI GREEN FLUORESCENT PROTEIN \(AHP2984\)](#)  
[RABBIT ANTI BLUE FLUORESCENT PROTEIN \(AHP2985\)](#)  
[RABBIT ANTI CYAN FLUORESCENT PROTEIN \(AHP2986\)](#)  
[RABBIT ANTI RED FLUORESCENT PROTEIN \(AHP2987\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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](https://www.bio-rad-antibodies.com/datasheets)  
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