

Datasheet: AHP2326

BATCH NUMBER 157962

Description:	RABBIT ANTI mCHERRY
Specificity:	mCHERRY
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
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	▪			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.

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

Western Blotting	Rabbit anti mCherry antibody recognizes a band of approximately 28.8 kDa on recombinant mCherry
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Storage	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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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #20377 available at: https://www.bio-rad-antibodies.com/SDS/AHP2326 20377
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Regulatory	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 \(AHP2987\)](#)

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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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