

Datasheet: AHP2984

BATCH NUMBER 148499

Description:	RABBIT ANTI GREEN FLUORESCENT PROTEIN
Specificity:	GREEN FLUORESCENT PROTEIN
Other names:	GFP
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
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Antiserum Preparation	Antiserum to green fluorescent protein (GFP) was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
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Buffer Solution	Phosphate buffered saline
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Preservative	30% Glycerol
Stabilisers	0.5% Bovine Serum Albumin 0.01% Thiomersal

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
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Immunogen	<i>E. coli</i> expressed recombinant EGFP
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Specificity	Rabbit anti GFP antibody recognizes green fluorescent protein (GFP) and its variants. GFP is a ~27 kDa protein derived from the jellyfish <i>Aequorea victoria</i> . GFP fluoresces green (509 nm) when excited by blue light (395 nm), and is commonly used as a marker of gene expression. Rabbit anti GFP antibody is known to cross-react with enhanced green fluorescent protein (EGFP), yellow fluorescent protein (YFP) and red fluorescent protein (RFP).
Western Blotting	Rabbit anti GFP antibody recognizes a band of approximately 30-37 kDa on recombinant enhanced green fluorescent protein (EGFP). Rabbit anti GFP antibody recognizes a band of approximately 32-34 kDa on recombinant red fluorescent protein (RFP). Rabbit anti GFP antibody recognizes a band of approximately 32-34 kDa on recombinant yellow fluorescent protein (YFP).
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.
Guarantee	12 months from date of despatch
Acknowledgements	Proclin™ 300 is a trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow
Health And Safety Information	Material Safety Datasheet documentation #10096 available at: https://www.bio-rad-antibodies.com/SDS/AHP2984 10096
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Useful Reagents

[RABBIT ANTI RED FLUORESCENT PROTEIN \(AHP2987\)](#)
[RABBIT ANTI mCHERRY \(AHP2326\)](#)
[MOUSE ANTI mCHERRY \(MCA6020\)](#)

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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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