

Datasheet: AHP2984

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

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.

Buffer Solution Phosphate buffered saline

Preservative 30% Glycerol
Stabilisers 0.5% Bovine Serum Albumin
 0.01% Thiomersal

Approx. Protein Concentrations IgG concentration 0.5 mg/ml

Immunogen *E. coli* expressed recombinant EGFP

Specificity **Rabbit anti GFP antibody** recognizes green fluorescent protein (GFP) and its variants. GFP is a ~27 kDa protein derived from the jellyfish *Aequorea victoria*. 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.
Shelf Life	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: 10096: https://www.bio-rad-antibodies.com/uploads/MSDS/10096.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

- [RABBIT ANTI BLUE FLUORESCENT PROTEIN \(AHP2985\)](#)
[RABBIT ANTI CYAN FLUORESCENT PROTEIN \(AHP2986\)](#)
[RABBIT ANTI RED FLUORESCENT PROTEIN \(AHP2987\)](#)
[RABBIT ANTI mCHERRY \(AHP2326\)](#)
[MOUSE ANTI mCHERRY \(MCA6020\)](#)

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