

Datasheet: AHP975

Description:	GOAT ANTI GREEN FLUORESCENT PROTEIN
Specificity:	GREEN FLUORESCENT PROTEIN
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			1/10,000 - 1/30,000
Immunoprecipitation			■	
Western Blotting	■			1/400 - 1/10,000
Immunofluorescence	■			

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to green fluorescent protein (GFP) were raised by repeated immunisations of goat with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.01% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Fusion protein corresponding to full length GFP derived from <i>Aequorea victoria</i>
External Database Links	UniProt: P42212 Related reagents
Specificity	Goat anti green fluorescent protein antibody recognizes green fluorescent protein (GFP), a

27kD protein which is derived from the jellyfish *Aequorea victoria*. GFP fluoresces green (509nm) when excited by blue light (395nm) and is commonly used as a marker of gene expression. The antibody recognises wild type GFP, but will also detect recombinant and enhanced forms of GFP.

References

1. Wen, J. & Brogna, S. (2010) Splicing-dependent NMD does not require the EJC in *Schizosaccharomyces pombe*. [EMBO J. 29: 1537-51.](#)
2. Wuest, T. *et al.* (2011) The Herpes Simplex Virus-1 Transactivator Infected Cell Protein-4 Drives VEGF-A Dependent Neovascularization. [PLoS Pathog. 7: e1002278.](#)
3. Al-Jubran, K. *et al.* (2013) Visualization of the joining of ribosomal subunits reveals the presence of 80S ribosomes in the nucleus. [RNA. 19: 1669-83.](#)
4. Lampron, A. *et al.* (2013) Migration of bone marrow-derived cells into the central nervous system in models of neurodegeneration. [J Comp Neurol. 521 \(17\): 3863-76.](#)

Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. This product is photosensitive and should be protected from light.
Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

Recommended Useful Reagents

[RABBIT ANTI BLUE FLUORESCENT PROTEIN \(AHP2985\)](#)

[RABBIT ANTI CYAN FLUORESCENT PROTEIN \(AHP2986\)](#)

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

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'M316699:180607'

Printed on 21 Jun 2018