

Datasheet: 4745-1051

Description:	SHEEP ANTI GREEN FLUORESCENT PROTEIN
Specificity:	GREEN FLUORESCENT PROTEIN
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

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
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Western Blotting			▪	
Immunofluorescence	▪			

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 the appropriate negative/positive controls.

Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 5.0 mg/ml
Immunogen	Green fluorescent protein from <i>Aequorea victoria</i> .
External Database Links	UniProt: P42212 Related reagents
Specificity	Sheep anti Green Fluorescent Protein antibody recognizes green fluorescent protein (GFP), a ~27 kDa protein derived from the jellyfish <i>Aequorea victoria</i> . GFP fluoresces green (509nm) when excited by blue light (395nm) and is commonly used as a marker of gene expression.

References

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14. de Nooij, J.C. *et al.* (2015) The PDZ-domain protein Whirlin facilitates mechanosensory signaling in mammalian proprioceptors. [J Neurosci. 35 \(7\): 3073-84.](#)
15. Scotti, M. *et al.* (2015) A Hoxa13:Cre mouse strain for conditional gene manipulation in developing limb, hindgut, and urogenital system. [Genesis. 53 \(6\): 366-76.](#)
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Further Reading

1. Adams, K.L. *et al.* (2015) Foxp1-mediated programming of limb-innervating motor neurons from mouse and human embryonic stem cells. [Nat Commun. 6: 6778.](#)

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. 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>

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Donkey Anti Sheep IgG (STAR88...) [DyLight@488](#), [DyLight@549](#), [DyLight@649](#),
[FITC](#), [HRP](#)

Recommended Useful Reagents

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

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

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

[MOUSE ANTI mCHERRY \(MCA6020\)](#)

[RABBIT ANTI mCHERRY \(AHP2326\)](#)

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