

Datasheet: 4745-1051

**BATCH NUMBER 1710**

<b>Description:</b>	SHEEP ANTI GREEN FLUORESCENT PROTEIN
<b>Specificity:</b>	GREEN FLUORESCENT PROTEIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 5.0 mg/ml
<b>Immunogen</b>	Green fluorescent protein from <i>Aequorea victoria</i> .
<b>External Database</b>	<b>UniProt:</b>

RRID AB\_619712

**Specificity** **Sheep anti Green Fluorescent Protein antibody** recognizes green fluorescent protein (GFP), a ~27 kDa protein 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.

- References**
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vascular cells on the adult V-SVZ neural stem cell lineage. [J Neurosci. 35 \(11\): 4528-39.](#)

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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.](#)

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**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.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/4745-1051>  
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**Regulatory** For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

### 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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