

Datasheet: 405002

**BATCH NUMBER 168862**

<b>Description:</b>	GOAT ANTI RABBIT IgG (H/L):FITC
<b>Specificity:</b>	IgG (H/L)
<b>Format:</b>	FITC
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			1/10 - 1/100
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting			▪	

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.

<b>Target Species</b>	Rabbit						
<b>Species Cross Reactivity</b>	Does not react with: Mouse, Human						
<b>Product Form</b>	Purified Ig conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid						
<b>Max Ex/Em</b>	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>FITC</td> <td>490</td> <td>525</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	FITC	490	525
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FITC	490	525					

**Antiserum Preparation** Antisera to rabbit IgG (H+L) were raised by repeated immunisations of goats with normal rabbit IgG. Purified IgG was prepared from whole serum by affinity chromatography on pooled rabbit IgG covalently linked to agarose. The preparation has been cross absorbed against human and mouse sera and purified paraproteins to minimise potential cross

reactivity.

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**Buffer Solution** Phosphate buffered saline

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**Preservative Stabilisers** <0.1% Sodium Azide (NaN<sub>3</sub>)

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**Approx. Protein Concentrations** Ig concentration 1.0 mg/ml

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**Immunogen** Normal rabbit IgG.

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**External Database Links**

**UniProt:**

[P01839](#) [Related reagents](#)

[P01841](#) [Related reagents](#)

[P01838](#) [Related reagents](#)

[P01847](#) [Related reagents](#)

[P01870](#) [Related reagents](#)

[P01840](#) [Related reagents](#)

**Entrez Gene:**

[100422811](#) IGKC2 [Related reagents](#)

[100009097](#) LOC100009097 [Related reagents](#)

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**RRID** AB\_609712

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**Specificity** **Goat anti Rabbit IgG (H/L) antibody** recognises rabbit IgG heavy and light chains and the light chains of rabbit IgM and IgA as demonstrated by ELISA and flow cytometry.

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**Flow Cytometry** Use 10ul of the suggested working dilution to label 1x10<sup>6</sup> cells in 100ul.

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**References** 1. Louderback, K.M. *et al.* (2006) Subbarrel patterns of thalamocortical innervation in rat somatosensory cortical barrels: Organization and postnatal development. [J Comp Neurol. 497: 32-41.](#)

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**Storage** This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.

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**Guarantee** Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at:

<https://www.bio-rad-antibodies.com/SDS/405002>

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**Regulatory**

For research purposes only

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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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