

## Datasheet: STAR113

**BATCH NUMBER 169198**

<b>Description:</b>	GOAT ANTI RAT IgG2a
<b>Specificity:</b>	IgG2a
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.5 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	▪			
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1ug/ml - 10ug/ml
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.

#### Target Species

Rat

#### Product Form

Purified IgG - liquid

#### Antiserum Preparation

Antisera to rat IgG2a were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

#### Buffer Solution

Phosphate buffered saline

#### Preservative Stabilisers

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

#### Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

**External Database  
Links**

**UniProt:**

[P20760](#)    [Related reagents](#)

**Entrez Gene:**

[679045](#)    LOC679045    [Related reagents](#)

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**RRID**                      AB\_567055

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**Specificity**              **Goat anti Rat IgG2a antibody** recognizes rat IgG2a as assessed by immunoelectrophoresis and ELISA.

Goat anti Rat IgG2a antibody may cross react with IgG2a from other species.

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

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**References**              1. Platt, R. *et al.* (2011) Comparison of humoral and cellular immune responses to inactivated swine influenza virus vaccine in weaned pigs. [Vet Immunol Immunopathol. 142: 252-7.](#)

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**Storage**                    Store at +4°C. DO NOT FREEZE.  
This product should be stored undiluted. 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/STAR11310040>

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**Regulatory**                For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

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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)

'M428629:240301'

**Printed on 12 Sep 2024**