

Datasheet: STAR113F

BATCH NUMBER 171666

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|----------------------|--------------------------|
| Description: | GOAT ANTI RAT IgG2a:FITC |
| Specificity: | IgG2a |
| Format: | FITC |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 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.

| | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|--------------------|
| Flow Cytometry | ▪ | | | 1/500 |
| Immunohistology - Frozen | | | ▪ | |
| Immunohistology - Paraffin | | | ▪ | |

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 conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid | | |
| Max Ex/Em | Fluorophore | Excitation Max (nm) | Emission Max (nm) |
| | FITC | 490 | 525 |

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 | <0.1% Sodium Azide (NaN ₃) |
| Stabilisers | 0.2% Bovine Serum Albumin |

| | |
|---------------------------------------|-----------------------------|
| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |
|---------------------------------------|-----------------------------|

External Database**Links****UniProt:**[P20760](#)[Related reagents](#)**Entrez Gene:**[679045](#)

LOC679045

[Related reagents](#)

RRID

AB_324440

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.

Flow Cytometry

Use 50ul of the suggested working dilution to label 1×10^6 cells in 100ul.

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.](#)

Storage

This product is shipped at ambient temperature.

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10041 available at: <https://www.bio-rad-antibodies.com/SDS/STAR113F>

Regulatory

For research purposes only

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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