

## Datasheet: STAR113AB

|                      |                                |
|----------------------|--------------------------------|
| <b>Description:</b>  | GOAT ANTI RAT IgG2a:Alk. Phos. |
| <b>Specificity:</b>  | IgG2a                          |
| <b>Format:</b>       | Alk. Phos.                     |
| <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                      | ■   |    |                | 1/1000 - 1/10000   |
| Immunoprecipitation        |     |    | ■              |                    |
| Western Blotting           | ■   |    |                | 1/1000 - 1/10000   |

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>                 | Rat                                                                                                                                                                       |
| <b>Product Form</b>                   | Purified IgG conjugated to Alkaline Phosphatase - liquid                                                                                                                  |
| <b>Antiserum Preparation</b>          | 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. |
| <b>Buffer Solution</b>                | 50mM HEPES, 0.1M NaCl, 1mM MgCl <sub>2</sub> , 0.1mM ZnCl <sub>2</sub>                                                                                                    |
| <b>Preservative</b>                   | 0.09% Sodium Azide                                                                                                                                                        |
| <b>Stabilisers</b>                    | 0.2% Bovine Serum Albumin                                                                                                                                                 |
| <b>Approx. Protein Concentrations</b> | IgG concentration 0.5mg/ml                                                                                                                                                |

### External Database Links

#### UniProt:

[P20760](#)

[Related reagents](#)

#### Entrez Gene:

[679045](#)

LOC679045

[Related reagents](#)

|                                      |                                                                                                                                                                                                                                                                     |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specificity</b>                   | <p><b>Goat anti Rat IgG2a antibody</b> recognizes rat IgG2a as assessed by immunoelectrophoresis and ELISA.</p> <p>Goat anti Rat IgG2a antibody may cross react with IgG2a from other species.</p>                                                                  |
| <b>References</b>                    | <p>1. Platt, R. <i>et al.</i> (2011) Comparison of humoral and cellular immune responses to inactivated swine influenza virus vaccine in weaned pigs. <a href="#">Vet Immunol Immunopathol. 142: 252-7.</a></p>                                                     |
| <b>Storage</b>                       | <p>Store at +4°C.</p> <p>DO NOT FREEZE</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>                                                                                   |
| <b>Shelf Life</b>                    | <p>18 months from date of despatch.</p>                                                                                                                                                                                                                             |
| <b>Health And Safety Information</b> | <p>Material Safety Datasheet documentation available at:<br/>Material Safety Datasheet Documentation #10089 available at:<br/><a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10089.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10089.pdf</a></p> |
| <b>Regulatory</b>                    | <p>For research purposes only</p>                                                                                                                                                                                                                                   |

|                                  |                                                                                                                                         |                  |                                                                                                                                                 |               |                                                                                                                                                     |
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