

## Datasheet: STAR108A

|                      |                                                      |
|----------------------|------------------------------------------------------|
| <b>Description:</b>  | RABBIT F(ab') <sub>2</sub> ANTI MOUSE IgG:Alk. Phos. |
| <b>Specificity:</b>  | IgG                                                  |
| <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             |
| Immunoprecipitation        |     |    | ■              |                    |
| Western Blotting           | ■   |    |                |                    |

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 appropriate negative/positive controls.

|                                 |                                                                                                      |
|---------------------------------|------------------------------------------------------------------------------------------------------|
| <b>Target Species</b>           | Mouse                                                                                                |
| <b>Species Cross Reactivity</b> | Reacts with: Rat<br><b>N.B.</b> Antibody reactivity and working conditions may vary between species. |
| <b>Product Form</b>             | F(ab') <sub>2</sub> fragment of rabbit IgG conjugated to Alkaline Phosphatase - liquid               |

**Antiserum Preparation** Antisera to mouse IgG were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography. F(ab')<sub>2</sub> fragments were prepared by pepsin digestion of the IgG followed by a gel filtration step to remove the remaining intact IgG or Fc fragments.

|                                       |                                                               |
|---------------------------------------|---------------------------------------------------------------|
| <b>Buffer Solution</b>                | TRIS buffered saline                                          |
| <b>Preservative Stabilisers</b>       | 0.09% Sodium Azide<br>1% Bovine Serum Albumin<br>25% Glycerol |
| <b>Approx. Protein Concentrations</b> | IgG concentration 0.5 mg/ml                                   |

Immunogen      Mouse IgG.

**External Database  
Links**

**UniProt:**

|                        |                                  |
|------------------------|----------------------------------|
| <a href="#">P01869</a> | <a href="#">Related reagents</a> |
| <a href="#">P01865</a> | <a href="#">Related reagents</a> |
| <a href="#">P03987</a> | <a href="#">Related reagents</a> |
| <a href="#">P01867</a> | <a href="#">Related reagents</a> |
| <a href="#">P01864</a> | <a href="#">Related reagents</a> |
| <a href="#">P01868</a> | <a href="#">Related reagents</a> |
| <a href="#">P01863</a> | <a href="#">Related reagents</a> |

**Entrez Gene:**

|                        |          |                                  |
|------------------------|----------|----------------------------------|
| <a href="#">16017</a>  | Ighg1    | <a href="#">Related reagents</a> |
| <a href="#">380793</a> | Igh-1a   | <a href="#">Related reagents</a> |
| <a href="#">16016</a>  | Ighg2b   | <a href="#">Related reagents</a> |
| <a href="#">16017</a>  | Ighg1    | <a href="#">Related reagents</a> |
| <a href="#">380793</a> | Igh-1a   | <a href="#">Related reagents</a> |
| <a href="#">380795</a> | AI324046 | <a href="#">Related reagents</a> |
| <a href="#">380793</a> | Igh-1a   | <a href="#">Related reagents</a> |

**Synonyms**      Igh-4

**Specificity**      **Rabbit anti Mouse IgG antibody** recognises mouse IgG.

Cross reactivity is observed with rat IgG. Cross-reactivity with human IgG has been minimised by solid phase absorption.

**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.

**Shelf Life**      18 months from date of despatch.

**Health And Safety  
Information**      Material Safety Datasheet documentation #10059 available at:  
10059: <https://www.bio-rad-antibodies.com/uploads/MSDS/10059.pdf>

**Regulatory**      For research purposes only

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