Datasheet: STAR117A

**Description:**
GOAT ANTI MOUSE IgG (H/L); Alk. Phos. (MULTI SPECIES ADSORBED)

**Specificity:**
IgG (H/L)

**Format:**
Alk. Phos.

**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](http://www.bio-rad-antibodies.com/protocols).

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<tr>
<td>Western Blotting</td>
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<td>1/2500 - 1/25000</td>
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</table>

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 the appropriate negative/positive controls.

**Target Species**
Mouse

**Product Form**
Purified IgG conjugated to Alkaline Phosphatase - liquid

**Antiserum Preparation**
Antisera to mouse IgG were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

**Buffer Solution**
50 mM HEPES pH 7.1
0.1M NaCl
1 mM MgCl₂
0.1 mM ZnCl₂

**Preservative Stabilisers**
0.09% Sodium Azide
0.2% Bovine Serum Albumin

**Approx. Protein Concentrations**
IgG concentration 0.5 mg/ml

**Immunogen**
Whole mouse IgG
**External Database Links**

- **UniProt:**
  - P01837 Related reagents
  - P01869 Related reagents
  - P01867 Related reagents
  - P01864 Related reagents
  - P01843 Related reagents
  - P01865 Related reagents
  - P01844 Related reagents
  - P01868 Related reagents
  - P01724 Related reagents
  - P03987 Related reagents
  - P01863 Related reagents
  - P01845 Related reagents

- **Entrez Gene:**
  - 16071 Igk-C Related reagents
  - 16017 Ighg1 Related reagents
  - 16016 Ighg2b Related reagents
  - 380793 Igh-1a Related reagents
  - 380793 Igh-1a Related reagents
  - 433053 LOC433053 Related reagents
  - 16017 Ighg1 Related reagents
  - 16142 Iglv1 Related reagents
  - 110786 Iglc2 Related reagents
  - 110787 Iglc3 Related reagents
  - 380793 Igh-1a Related reagents
  - 380795 AI324046 Related reagents

**Synonyms**

- Igh-4

**Specificity**

*Goat anti Mouse IgG antibody* recognizes mouse IgG and light chains common to other mouse immunoglobulin classes.

Goat anti Mouse IgG has been cross-adsorbed using human, bovine, porcine, equine, lapine and chicken immunoadsorbents to remove cross-reactive antibodies. Less than 0.1% cross reactivity was detected to human, bovine, porcine, equine, caprine, lapine and chicken IgG by immunoelectrophoresis and ELISA.

Goat anti Mouse IgG antibody is highly recommended for use as a secondary antibody with human and veterinary samples. Goat anti Mouse IgG antibody has been used successfully as a secondary detection reagent in combination with mouse clone *CC327* for the detection of TNFα and mouse clone *8M6* for the detection of interleukin-8 in bovine respiratory syncitial virus infected, neonatal ovine lung tissue by immunohistochemistry (*Redondo et al. 2013*).

**References**


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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.

**Shelf Life**

18 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

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