Datasheet: STAR117P

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

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

**Format:**
HRP

**Product Type:**
Polyclonal Antibody

**Isotype:**
Polyclonal IgG

**Quantity:**
0.5 mg

### 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>
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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
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<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Western Blotting</td>
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<td>1/1000 - 1/10,000</td>
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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 Horseradish Peroxidase (HRP) - liquid

**Preparation**
Purified IgG prepared by affinity chromatography

**Antiserum Preparation**
Antisera to mouse IgG were raised by repeated immunisations of goats with highly purified antigen.

**Buffer Solution**
Phosphate buffered saline

**Preservative Stabilisers**
0.1% Proclin™ 300

0.2% Bovine Serum Albumin

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

**Immunogen**
Whole mouse IgG

**External Database Links**
UniProt:
Related reagents

Entrez Gene:

16071 Igk-C Related reagents
16017 Ighg1 Related reagents
16016 Ighg2b Related reagents
380793 Igh-1α 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 immunoabsorbants 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

3. Banerjee, K. et al. (2012) Occluding the mannose moieties on human immunodeficiency virus...
type 1 gp120 with griffithsin improves the antibody responses to both proteins in mice. AIDS Res Hum Retroviruses. 28 (2): 206-14.


**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**

12 months from date of despatch.

**Acknowledgements**

Proclin™ 300 is a trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Useful Reagents**

- AbGUARD® HRP STABILIZER PLUS (BUF052A)
- AbGUARD® HRP STABILIZER PLUS (BUF052B)
- AbGUARD® HRP STABILIZER PLUS (BUF052C)
- TMB CORE (BUF056A)
- TMB CORE PRESTAINED (BUF057A)
- TMB CORE+ (BUF062A)
- TMB SIGNAL+ (BUF054A)
- AbGUARD® HRP STABILIZER PLUS (BUF052A)
- AbGUARD® HRP STABILIZER PLUS (BUF052B)
- AbGUARD® HRP STABILIZER PLUS (BUF052C)
- TMB CORE (BUF056A)
- TMB CORE PRESTAINED (BUF057A)
- TMB CORE+ (BUF062A)
- TMB SIGNAL+ (BUF054A)