

Datasheet: STAR135P

| | |
|----------------------|---------------------------|
| Description: | GOAT ANTI MOUSE IgG2c:HRP |
| Specificity: | IgG2c |
| Other names: | Igh-1b ALLELE |
| Format: | HRP |
| 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 | | | ▪ | |
| Immunohistology - Frozen | | | ▪ | |
| Immunohistology - Paraffin | | | ▪ | |
| ELISA | ▪ | | | 1/10000 - 1/100000 |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | | | ▪ | |

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 | Mouse |
| Product Form | Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid |
| Preparation | Purified IgG prepared by affinity chromatography |
| Antiserum Preparation | Antisera to mouse IgG2c were raised by repeated immunisations of goats with highly purified antigen. |
| Buffer Solution | Phosphate buffered saline |
| Preservative | 0.05% Pro-Clean™400 |
| Stabilisers | 0.2% Bovine Serum Albumin |
| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |
| Immunogen | Native mouse IgG2c. |

Specificity **Goat anti Mouse IgG2c antibody** recognizes mouse IgG2c, otherwise known as the Igh 1b allele of IgG2a. Goat anti Mouse IgG2c antibody is assessed by ELISA and immunoelectrophoresis and has been shown to react with IgG2c in C57BL/6, SJL, C57BL/10, CB20, C57BL/6 by Balb/C crosses and pools of serum of outbred mice and does not react with L-chains or other IgG subclasses.

References

1. Jalili, R.B. *et al.* (2010) Local Expression of Indoleamine 2,3 Dioxygenase in Syngeneic Fibroblasts Significantly Prolongs Survival of an Engineered Three-Dimensional Islet Allograft. [Diabetes 59: 2219-27](#)
2. Arnold, I.C. *et al.* (2011) The C-terminally encoded, MHC class II-restricted T cell antigenicity of the *Helicobacter pylori* virulence factor CagA promotes gastric preneoplasia. [J Immunol. 186: 6165-72.](#)
3. Paes, W. *et al.* (2016) Recombinant polymorphic membrane protein D in combination with a novel, second-generation lipid adjuvant protects against intra-vaginal Chlamydia trachomatis infection in mice. [Vaccine. 34 \(35\): 4123-31.](#)
4. Carroll, E.C. *et al.* (2016) The Vaccine Adjuvant Chitosan Promotes Cellular Immunity via DNA Sensor cGAS-STING-Dependent Induction of Type I Interferons. [Immunity. 44 \(3\): 597-608.](#)
5. Zougari, Y. *et al.* (2013) B lymphocytes trigger monocyte mobilization and impair heart function after acute myocardial infarction. [Nat Med. 19 \(10\): 1273-80.](#)

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 #20391 available at:
20391: <https://www.bio-rad-antibodies.com/uploads/MSDS/20391.pdf>

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+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

'M314936:180426'

Printed on 01 May 2018