Datasheet: STAR11B

Description: RABBIT F(ab')2 ANTI MOUSE IgG: Biotin
Specificity: IgG
Format: Biotin
Product Type: Polyclonal Antibody
Isotype: Polyclonal IgG
Quantity: 1 mg

Product Details

Applications

<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></td>
<td></td>
<td>1/50 - 1/100</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>1/1000 - 1/2000</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 appropriate negative/positive controls.

Target Species: Mouse

Species Cross Reactivity: Reacts with: Rat

N.B. Antibody reactivity and working conditions may vary between species.

Product Form: F(ab')2 fragment of IgG conjugated to biotin - 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')2 fragments were prepared by pepsin digestion of the IgG followed by a gel filtration step to remove the remaining intact IgG or Fc fragments.

Buffer Solution: Phosphate buffered saline

Preservative Stabilisers: 0.09% Sodium Azide

Approx. Protein Concentrations: F(ab')2 concentration 1.0mg/ml

Immunogen: Purified mouse IgG.
External Database Links

**UniProt:**
- P01869  Related reagents
- P03987  Related reagents
- P01867  Related reagents
- P01866  Related reagents
- P01865  Related reagents
- P01864  Related reagents
- P01863  Related reagents

**Entrez Gene:**
- 16017  Ighg1  Related reagents
- 380795  Al324046  Related reagents
- 16016  Ighg2b  Related reagents
- 16017  Ighg1  Related reagents
- 380793  Igh-1a  Related reagents
- 380793  Igh-1a  Related reagents
- 380793  Igh-1a  Related reagents

**Synonyms**
Igh-4

**Specificity**

**Biotin conjugated Rabbit F(ab')2 anti Mouse IgG antibody** recognizes all subclasses of mouse IgG.

Cross reactivity with rat IgG is expected. Cross reactivity to human serum proteins has been minimised by solid phase adsorption.

**Flow Cytometry**

Use 50ul of the suggested working dilution to label $10^6$ cells in 100ul.

**References**

**Further Reading**

**Storage**
Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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

**Health And Safety Information**
## Related Products

**Recommended Secondary Antibodies**

STREPTAVIDIN (STAR119...) **APC**

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<tr>
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<td>+44 (0)1865 852 739</td>
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