Datasheet: AAI29F

Description: GOAT ANTI CHICKEN IgG (Fc):FITC

Specificity: IgG (Fc)

Other names: IgY

Format: FITC

Product Type: Polyclonal Antibody

Isotype: Polyclonal IgG

Quantity: 1 mg

RRID

AB_323046

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.

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunofluorescence</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</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

Chicken

Product Form

Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid

Max Ex/Em

<table>
<thead>
<tr>
<th>Fluorophore</th>
<th>Excitation Max (nm)</th>
<th>Emission Max (nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FITC</td>
<td>490</td>
<td>525</td>
</tr>
</tbody>
</table>

Antiserum Preparation

Antisera to chicken IgG were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography using antigen coupled to agarose.

Buffer Solution

Phosphate buffered saline

Preservative

0.09% Sodium Azide (NaN₃)

Stabilisers

0.2% Bovine Serum Albumin

Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

Immunogen

Purified chicken IgG (Fc) fragment.

Specificity

Goat anti Chicken IgG (Fc) antibody recognizes the heavy chains of chicken IgG, specifically,
epitopes within the Fc region and shows no cross-reactivity with other chicken immunoglobulin classes as assessed by immunoelectrophoresis. This Goat anti Chicken IgG polyclonal antibody does not react with the light chains of chicken IgG.

Goat anti chicken IgG (Fc) has been used successfully for the evaluation of circulating levels of IgG in chickens using ELISA in a number of experimental and field situations.

References

Storage
Store at +4°C. DO NOT FREEZE.
This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee
12 months from date of despatch.

Health And Safety

Regulatory
For research purposes only

© 2019 Bio-Rad Laboratories Inc | Legal | Imprint