Datasheet: STAR88D488GA

Description: DONKEY ANTI SHEEP/GOAT IgG:DyLight®488

Specificity: IgG

Format: DyLight®488

Product Type: Polyclonal Antibody

Isotype: Polyclonal IgG

Quantity: 0.1 mg

Product Details

RRID  AB_10848346

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>1/50 - 1/200</td>
</tr>
<tr>
<td>Immunofluorescence</td>
<td></td>
<td></td>
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<td>1/50 - 1/200</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 appropriate negative/positive controls.

Target Species

Sheep

Species Cross Reactivity

Reacts with: Goat

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

Product Form

Purified IgG conjugated to DyLight®488 - liquid

Max Ex/Em

<table>
<thead>
<tr>
<th>Fluorophore</th>
<th>Excitation Max (nm)</th>
<th>Emission Max (nm)</th>
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</thead>
<tbody>
<tr>
<td>DyLight®488</td>
<td>493</td>
<td>518</td>
</tr>
</tbody>
</table>

Antiserum Preparation

Antisera to sheep IgG were raised by repeated immunisation of donkeys with highly purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

Immunogen

Purified IgG from a sheep serum pool.
Specificity

Donkey anti Sheep/Goat IgG antibody recognizes both sheep and goat IgG, which are immunologically very similar and has been adsorbed against human, rabbit, mouse and rat serum to minimise cross-reactivity.

Flow Cytometry

Use 50μl of the suggested working dilution to label 1x10^6 cells in 100μl.

References


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. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use

Guarantee

18 months from date of despatch

Acknowledgements

DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Health And Safety Information
