**Datasheet: STAR88D405GA**

**Description:** DONKEY ANTI SHEEP/GOAT IgG:DyLight®405

**Specificity:** IgG

**Format:** DyLight®405

**Product Type:** Polyclonal Antibody

**Isotype:** Polyclonal IgG

**Quantity:** 0.1 mg

**RRID** AB_10863325

**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>
<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>1/25 - 1/200</td>
</tr>
<tr>
<td>Immunofluorescence</td>
<td></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** 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®405 - liquid

**Max Ex/Em**

<table>
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<tr>
<th>Fluorophore</th>
<th>Excitation Max (nm)</th>
<th>Emission Max (nm)</th>
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</thead>
<tbody>
<tr>
<td>Dylight®405</td>
<td>400</td>
<td>420</td>
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</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 50ul of the suggested working dilution to label 1x10^6 cells in 100ul

**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**
