

Datasheet: STAR88D488GA

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| 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

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 | ▪ | | | 1/50 - 1/200 |
| Immunofluorescence | ▪ | | | 1/50 - 1/200 |

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. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG conjugated to DyLight®488 - liquid

Max Ex/Em

| Fluorophore | Excitation Max (nm) | Emission Max (nm) |
|-------------|---------------------|-------------------|
| DyLight®488 | 493 | 518 |

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

0.09% Sodium Azide (NaN₃)

Stabilisers

Approx. Protein Concentrations IgG concentration 1.0 mg/ml

Immunogen Purified IgG from a sheep serum pool.

RRID AB_10848346

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 1×10^6 cells in 100ul.

References

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13. McNeilly, T.N. *et al.* (2013) Suppression of ovine lymphocyte activation by *Teladorsagia circumcincta* larval excretory-secretory products. [Vet Res. 44: 70.](#)
14. Garza, J.J. *et al.* (2017) Serum-mediated *Haemonchus contortus* larval aggregation

differs by larval stage and is enhanced by complement. [Parasite Immunol. 39 \(3\)](#)

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 12 months from date of despatch

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

Health And Safety Information Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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