Datasheet: STAR117D800GA

BATCH NUMBER 174549

Description:	GOAT ANTI MOUSE IgG (H/L):DyLight®800 (MULTI SPECIES ADSORBED)
Specificity:	IgG (H/L)
Format:	DyLight®800
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	▪			
Western Blotting	▪			1/10000 - 1/50000
Immunofluorescence	▪			

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

Mouse

Product Form

Purified IgG conjugated to DyLight 800 - liquid

Max Ex/Em

Fluorophore	Excitation Max (nm)	Emission Max (nm)
Dylight®800	777	794

Preparation

Purified IgG prepared by affinity chromatography.

Antiserum Preparation

Antisera to mouse IgG were raised by repeated immunisations of goats with highly purified antigen.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN_3)

Approx. Protein Concentrations	IgG concentration 1.0mg/ml.
Immunogen	Whole mouse IgG

External Database Links

UniProt:

P01837	Related reagents
P01869	Related reagents
P01867	Related reagents
P01864	Related reagents
P01843	Related reagents
P01865	Related reagents
P01844	Related reagents
P01868	Related reagents
P01724	Related reagents
P03987	Related reagents
P01863	Related reagents
P01845	Related reagents

Entrez Gene:

16071	Igk-C	Related reagents
16017	Ighg1	Related reagents
16016	Ighg2b	Related reagents
380793	Igh-1a	Related reagents
380793	Igh-1a	Related reagents
433053	LOC433053	Related reagents
16017	Ighg1	Related reagents
16142	Iglv1	Related reagents
110786	Iglc2	Related reagents
110787	Iglc3	Related reagents
380793	Igh-1a	Related reagents
380795	AI324046	Related reagents

Synonyms	Igh-4
RRID	AB_10845157
Specificity	**Goat anti Mouse IgG antibody** recognizes mouse IgG and light chains common to other mouse immunoglobulin classes. Goat anti Mouse IgG has been cross-adsorbed using human, bovine, porcine, equine, lapine and chicken immunoabsorbants to remove cross-reactive antibodies. Less than 0.1% cross reactivity was detected to human, bovine, porcine, equine, caprine, lapine and chicken IgG by immunoelectrophoresis and ELISA.

Goat anti Mouse IgG antibody is highly recommended for use as a secondary antibody with human and veterinary samples. Goat anti Mouse IgG antibody has been used successfully as a secondary detection reagent in combination with mouse clone CC327 for the detection of TNFα and mouse clone 8M6 for the detection of interleukin-8 in bovine respiritory syncitial virus infected, neonatal ovine lung tissue by immunohistochemistry (Redondo *et al.* 2013).

Flow Cytometry

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

References

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Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.
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: https://www.bio-rad-antibodies.com/SDS/STAR117D800GA
Regulatory	For research purposes only.

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M428645:240301'

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