

Datasheet: STAR16D488GA

Description:	RABBIT F(ab') ₂ ANTI RAT 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	■			1/5 - 1/400
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 appropriate negative/positive controls

Target Species	Rat		
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 rat IgG were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified polyclonal rat IgG

External Database Links

UniProt:

[P20759](#)

[Related reagents](#)

[P20762](#)

[Related reagents](#)

[P20761](#) [Related reagents](#)

[P20760](#) [Related reagents](#)

Entrez Gene:

[299354](#) Ighg [Related reagents](#)

[362795](#) LOC362795 [Related reagents](#)

[679045](#) LOC679045 [Related reagents](#)

Specificity	Rabbit F(ab')₂ anti Rat IgG antibody recognizes rat IgG, detecting all subclasses in immunodiffusion assays.
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Flow Cytometry	Use 50ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul
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Storage	Store at +4°C or at -20°C if preferred.
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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

Shelf Life	18 months from date of despatch
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Acknowledgements	DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries
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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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Regulatory	For research purposes only
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