

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

RRID

AB_10846819

Specificity

Rabbit F(ab')₂ anti Rat IgG antibody recognizes rat IgG, detecting all subclasses in immunodiffusion assays.

Flow Cytometry

Use 50ul of the suggested working dilution to label 1x10⁶ cells in 100ul

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/STAR16D488GA>
10040

Regulatory

For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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