

Datasheet: STAR8D405GA BATCH NUMBER 165579

Description:	RABBIT F(ab')2 ANTI MOUSE IgG:DyLight®405
Specificity:	lgG
Format:	DyLight®405
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					ons. 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 <u>www.bio-</u> rad-antibodies.com/protocols.					
		Yes	No	Not Determined	Suggested Dilution	
	Flow Cytometry	•			1/20 - 1/200	
	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	Mouse					
Species Cross Reactivity	Reacts with: Rat 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 [®] 405 - liquid					
Max Ex/Em	Fluorophore	Excitation M	ax (nm)	Emission Max (nm)		
	Dylight®405	400		420		
Preparation	Purified IgG was prepared from whole serum by affinity chromatography. F(ab')2					
	fragments were prepared by pepsin digestion of the IgG followed by a gel filtration step to					
	remove any remaining intact IgG or Fc fragments					
Buffer Solution	Phosphate buffered sa	aline				

Preservative Stabilisers	0.09% Sodi	ium Azide			
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml				
Immunogen	Whole mou	se IgG.			
External Database					
Links	UniProt:				
	<u>P01869</u>	<u>Related</u>	reagents		
	P01865	Related	reagents		
	<u>P03987</u>	Related	reagents		
	P01867	Related	reagents		
	P01868	Related	reagents		
	P01864	Related	reagents		
	<u>P01803</u>	Related	reagents		
	Entrez Ge	ne:			
	<u>16017</u>	lghg1	Related reagents		
	<u>380793</u>	lgh-1a	Related reagents		
	<u>16016</u>	lghg2b	Related reagents		
	<u>16017</u>	lghg1	Related reagents		
	<u>380793</u>	lgh-1a	Related reagents		
	<u>380795</u>	AI324046	Related reagents		
	<u>380793</u>	lgh-1a	Related reagents		
Synonyms	lgh-4				
RRID	AB_108434	52			
Specificity	Rabbit F(al reactivity w minimised b	b')₂ anti Mo ith rat IgG is by solid phas	use IgG antibody recognizes all subo expected. Cross reactivity with huma se adsorbtion.	classes of mouse IgG. Cross n serum proteins has been	
	STAR8B is (PAP) comp (HRP), bind reagents in antibody me complex, so antibody to	suitable as a blexes are fo ling to HRP immunoche ust be raised that a seco the PAP cor	a bridge in a PAP / APAAP complex. Formed by antibodies raised towards Ho molecules. Such complexes are used mical staining techniques. It must be o d in the same species as the antibodie ondary "linker" antibody can be used to mplex.	Peroxidase anti-Peroxidase orse Radish Peroxidase as signal amplification emphasised that the primary es used to form the PAP o "bridge" the primary	
Flow Cytometry	Use 50ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul				
References	1. Niven, J. and Influen	<i>et al.</i> (2015 ces Severity) S100B Up-Regulates Macrophage F of Retinal Inflammation. <u>PLoS One.</u> 1	Production of IL1β and CCL22 0 (7): e0132688.	

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 frost-free freezers is reprotected from light.	ne antibody. Storage in osensitive and should be				
Guarantee 12 months from date of despatch							
Acknowl	edgements	DyLight [®] is a tradema	is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries				
Health And Safety Material Safety Datasheet documentation #10040 available Information https://www.bio-rad-antibodies.com/SDS/STAR8D405GA 10040					at:		
Regulatory For research purposes only							
North & South Tel: +1 800 265 7376 Worldwide America Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com		Tel: +44 (0)1865 852 700 Europe Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com		Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com			
To find a b	atch/lot specif	ic datasheet for this produ	uct, please use our online 'M385287:210513'	search tool at: b	io-rad-antibodies.com/datasheets		
			Printed on 18 Jan 2024				

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