

Datasheet: MCA2456A488

Description:	RAT ANTI MOUSE CD88:Alexa Fluor® 488
Specificity:	CD88
Other names:	C5aR
Format:	ALEXA FLUOR® 488
Product Type:	Monoclonal Antibody
Clone:	10/92
Isotype:	lgG2a
Quantity:	100 TESTS/1ml

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	•			Neat

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					
Product Form	Purified IgG conjugate	Purified IgG conjugated to Alexa Fluor® 488 - liquid				
Max Ex/Em	Fluorophore Alexa Fluor®488	Excitation Max (nm) 495	Emission Max (nm	1)		
Preparation	Purified IgG prepared supernatant	by affinity chromatog	raphy on Protein G	from tissue culture		
Buffer Solution	Phosphate buffered sa	aline				
Preservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum	Albumin				
Approx. Protein Concentrations	IgG concentration 0.0	5 mg/ml				

g8.653 myeloma cell					
D88, a 45 kDa The CD88 molecule nt proinflammatory n mouse, CD88 is n resting or stimulated					
ing of the C5a to					
Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.					
cells expressing low (BUF041A/B/C).					
nurine myeloid and Lett. 88:47-52. lates with Neurochem. 113: ma Formation After 36. iicroglia migration. therosclerosis in C5a by ischemic eficiency-induced anaphylatoxin, C5a.					
e					

FASEB J. 27 (3): 855-64.

- 9. Benson, M.J. et al. (2015) A novel anticonvulsant mechanism via inhibition of complement receptor C5ar1 in murine epilepsy models. Neurobiol Dis. 76: 87-97.
- 10. Brennan, F.H. et al. (2015) The Complement Receptor C5aR Controls Acute Inflammation and Astrogliosis following Spinal Cord Injury. J Neurosci. 35 (16): 6517-31.
- 11. Hernandez, M.X. et al. (2017) C5a Increases the Injury to Primary Neurons Elicited by Fibrillar Amyloid Beta. ASN Neuro. 9 (1): 1759091416687871.
- 12. Benson, M.J. et al. (2017) The effects of C5aR1 on leukocyte infiltration following pilocarpine-induced status epilepticus. Epilepsia. 58 (4): e54-e58.

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

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Health And Safety Information

Material Safety Datasheet documentation #10041 available at: https://www.bio-rad-antibodies.com/SDS/MCA2456A488 10041

Regulatory

For research purposes only

Related Products

Recommended Negative Controls

RAT IgG2a NEGATIVE CONTROL:Alexa Fluor® 488 (MCA1212A488)

Recommended Useful Reagents

MOUSE SEROBLOCK FcR (BUF041A) MOUSE SEROBLOCK FcR (BUF041B)

America

North & South Tel: +1 800 265 7376 Fax: +1 919 878 3751 Worldwide

Tel: +44 (0)1865 852 700

Europe

Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50

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