

Alexa Fluor® 647 anti-rat IgG2b Antibody

Catalog# / Size	408208 / 25 µg 408209 / 100 µg
Clone	MRG2b-85
Regulatory Status	RUO
Other Names	Immunoglobulin G2b
Isotype	Mouse IgG1, κ
Description	The MRG2b-85 monoclonal antibody reacts with rat immunoglobulin G2b (IgG2b) in all tested rat strains (Lou, Lou/Ws1/M, Lewis, Wistar, DA, Sprague-Dawley). The MRG2b-85 monoclonal antibody may be used as primary or secondary reagent for ELISA or immunofluorescent analysis.

Product Details

Verified Reactivity	Rat
Antibody Type	Monoclonal
Host Species	Mouse
Immunogen	mixed rat Igs
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Preparation	The antibody was purified by affinity chromatography and conjugated with Alexa Fluor® 647 under optimal conditions.
Concentration	0.5 mg/ml
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	IHC-F - Quality tested
Recommended Usage	<p>Each lot of this antibody is quality control tested by immunohistochemical staining on frozen tissue sections. For immunohistochemistry, a concentration range of 2.5 - 5 µg/ml is suggested. It is recommended that the reagent be titrated for optimal performance for each application.</p> <p>* Alexa Fluor® 647 has a maximum emission of 668 nm when it is excited at 633 nm / 635 nm.</p> <p>Alexa Fluor® and Pacific Blue™ are trademarks of Life Technologies Corporation.</p> <p>View full statement regarding label licenses</p>
Excitation Laser	Red Laser (633 nm)
RRID	AB_2715912 (BioLegend Cat. No. 408208) AB_2715885 (BioLegend Cat. No. 408209)

Antigen Details

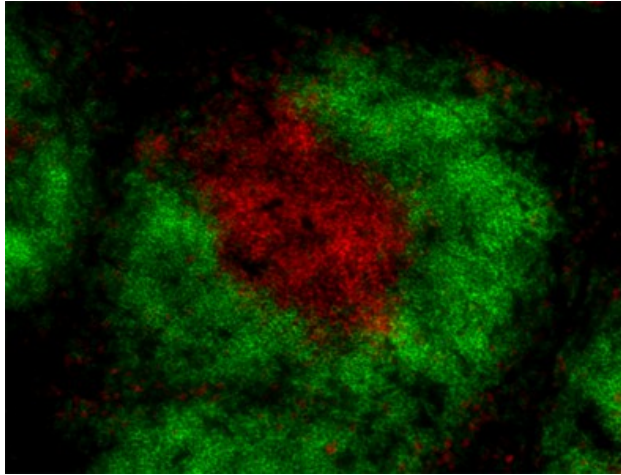
Gene ID	NA
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Related Protocols

Other Formats

Purified anti-rat IgG2b, Biotin anti-rat IgG2b, FITC anti-rat IgG2b, Alexa Fluor® 594 anti-rat IgG2b, Alexa Fluor® 488 anti-rat IgG2b, Alexa Fluor® 647 anti-rat IgG2b, PE anti-rat IgG2b

Product Data



C57BL/6 mouse frozen spleen section was fixed with 4% paraformaldehyde (PFA) for 10 minutes at room temperature and blocked with 5% FBS for 30 minutes at room temperature. Then the section was stained with 10 µg/ml of CD3 (clone 17A2) purified and 10 µg/ml of B220 (Clone RA3-6B2) Alexa Fluor® 594 (green) overnight at 4°C, followed by 2.5 µg/ml of anti-rat IgG2b (Clone MRG2b-85) Alexa Fluor® 647 (red) for 2 hours at room temperature. The image was captured by 10X objective.

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