

## FITC anti-rat IgG2a Antibody

<b>Catalog# / Size</b>	407505 / 50 µg 407506 / 500 µg
<b>Clone</b>	MRG2a-83
<b>Regulatory Status</b>	RUO
<b>Other Names</b>	Immunoglobulin G2a
<b>Isotype</b>	Mouse IgG
<b>Description</b>	The MRG2a-83 monoclonal antibody reacts with rat immunoglobulin G2a (IgG2a) in all tested rat strains (Lou, Lou/Ws1/M, Lewis, Wistar, DA, Sprague-Dawley). It does not react with other isotypes. The MRG2a-83 monoclonal antibody may be used as primary or secondary reagent for ELISA or immunofluorescent analysis.

### Product Details

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<b>Verified Reactivity</b>	Rat
<b>Antibody Type</b>	Monoclonal
<b>Host Species</b>	Mouse
<b>Immunogen</b>	Mixed rat Igs
<b>Formulation</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
<b>Preparation</b>	The antibody was purified by affinity chromatography, and conjugated with FITC under optimal conditions.
<b>Concentration</b>	0.5 mg/ml
<b>Storage &amp; Handling</b>	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. <b>Do not freeze.</b>
<b>Application</b>	<a href="#">FC - Quality tested</a>
<b>Recommended Usage</b>	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤0.25 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.
<b>Excitation Laser</b>	Blue Laser (488 nm)
<b>Application References</b>	1. Inoue S, <i>et al.</i> 2006. <i>Cancer Research</i> 66:7741.
<b>(PubMed link indicates BioLegend citation)</b>	
<b>Product Citations</b>	1. Inoue S, <i>et al.</i> 2006. <i>Cancer Res.</i> 66:7741. <a href="#">PubMed</a> 2. Merlo LM, <i>et al.</i> 2020. <i>Clin Pathol.</i> 13:2632010X20951812. <a href="#">PubMed</a> 3. Ostrowska-Podhorodecka Z, <i>et al.</i> 2021. <i>J Cell Sci.</i> 134:.. <a href="#">PubMed</a>
<b>RRID</b>	AB_492923 (BioLegend Cat. No. 407505) AB_492924 (BioLegend Cat. No. 407506)

### Antigen Details

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**Gene ID** [367586](#)

## Related Protocols

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[Cell Surface Flow Cytometry Staining Protocol](#)

## Other Formats

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Purified anti-rat IgG2a, Biotin anti-rat IgG2a, FITC anti-rat IgG2a, PE anti-rat IgG2a, Alexa Fluor® 594 anti-rat IgG2a, Alexa Fluor® 647 anti-rat IgG2a, Alexa Fluor® 488 anti-rat IgG2a

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