

## Spark PLUS B550™ Goat anti-mouse IgG (minimal x-reactivity) Antibody

<b>Catalog# / Size</b>	405340 / 100 µg
<b>Clone</b>	Poly4053
<b>Regulatory Status</b>	RUO
<b>Isotype</b>	Goat Polyclonal IgG
<b>Description</b>	This polyclonal goat anti-mouse IgG antibody reacts with the heavy chains of mouse IgG and with the light (kappa and lambda) chains common to most mouse immunoglobulins. No cross-reactivity has been detected against non-immunoglobulin serum proteins. This antibody has been solid-phase absorbed to ensure minimal cross-reaction with rat, human, bovine, horse, and rabbit immunoglobulins, but it may have minimal cross-reactivity with other subclasses of mouse immunoglobulins.

### Product Details

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<b>Verified Reactivity</b>	Mouse
<b>Antibody Type</b>	Polyclonal
<b>Host Species</b>	Goat
<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 Spark PLUS B550™ under optimal conditions.
<b>Concentration</b>	0.2 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 <a href="#">immunofluorescent staining with flow cytometric analysis</a> . For flow cytometric staining, the suggested use of this reagent is ≤ 0.5 µg per million cells in 100 µL volume. It is recommended that the reagent be titrated for optimal performance for each application.  * Spark PLUS B550™ has a maximum excitation of 516 nm and a maximum emission of 540 nm.
<b>Excitation Laser</b>	Blue Laser (488 nm)
<b>Application Notes</b>	This polyclonal goat anti-mouse IgG antibody is useful for capture or detection of mouse IgG in ELISA.
<b>Application References</b> (PubMed link indicates BioLegend citation)	<ol style="list-style-type: none"><li>1. Scotta C, <i>et al.</i> 2008. <i>J Immunol.</i> 181:1025-33. <a href="#">PubMed</a></li><li>2. Gao X, <i>et al.</i> 2014. <i>Cell Mol Neurobiol.</i> 34:257-68 (<b>ICC</b>)</li><li>3. Winters T, <i>et al.</i> 2014. <i>EMBO J.</i> 33:1256-70.</li></ol>
<b>RRID</b>	AB_3699051 (BioLegend Cat. No. 405340)

### Antigen Details

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<b>Distribution</b>	B cells
<b>Gene ID</b>	<a href="#">16059</a>

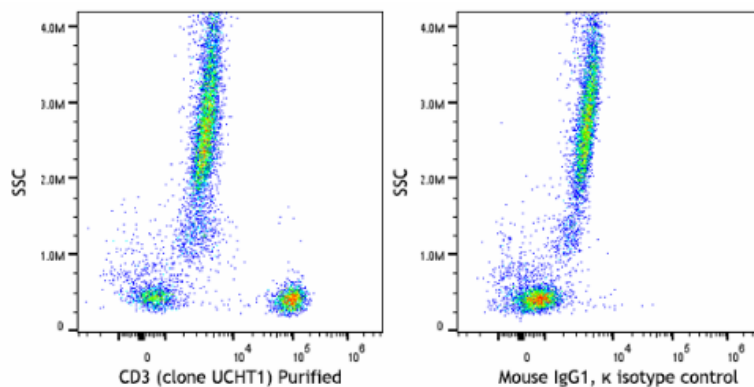
## Related Protocols

- [Cell Surface Flow Cytometry Staining Protocol](#)

## Other Formats

APC Goat anti-mouse IgG (minimal x-reactivity), Biotin Goat anti-mouse IgG (minimal x-reactivity), FITC Goat anti-mouse IgG (minimal x-reactivity), HRP Goat anti-mouse IgG (minimal x-reactivity), PE Goat anti-mouse IgG (minimal x-reactivity), Purified Goat anti-mouse IgG (minimal x-reactivity), Cyanine3 Goat anti-mouse IgG (minimal x-reactivity), PE/Cyanine7 Goat anti-mouse IgG (minimal x-reactivity), PerCP/Cyanine5.5 Goat anti-mouse IgG (minimal x-reactivity), DyLight™ 488 Goat anti-mouse IgG (minimal x-reactivity), DyLight™ 649 Goat anti-mouse IgG (minimal x-reactivity), Alexa Fluor® 594 Goat anti-mouse IgG (minimal x-reactivity), APC/Cyanine7 Goat anti-mouse IgG (minimal x-reactivity), Brilliant Violet 421™ Goat anti-mouse IgG (minimal x-reactivity), Alexa Fluor® 488 Goat anti-mouse IgG (minimal x-reactivity), Alexa Fluor® 647 Goat anti-mouse IgG (minimal x-reactivity), Alexa Fluor® 555 Goat anti-mouse IgG (minimal x-reactivity), Brilliant Violet 605™ Goat anti-mouse IgG (minimal x-reactivity), Brilliant Violet 510™ Goat anti-mouse IgG (minimal x-reactivity), PE/Dazzle™ 594 Goat anti-mouse IgG (minimal x-reactivity), PerCP Goat anti-mouse IgG (minimal x-reactivity), APC/Fire™ 750 Goat anti-mouse IgG (minimal x-reactivity), Spark YG™ 570 Goat anti-mouse IgG (minimal x-reactivity), Spark Red™ 718 Goat anti-mouse IgG (minimal x-reactivity), Spark PLUS B550™ Goat anti-mouse IgG (minimal x-reactivity)

## Product Data



Human peripheral blood lymphocytes were stained with purified anti-human CD3 (clone UCHT1) (left) or purified mouse IgG1, κ isotype control (right), followed with with goat anti-mouse IgG (Poly4053) Spark PLUS B550™.

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8999 BioLegend Way, San Diego, CA 92121 [www.biolegend.com](http://www.biolegend.com)  
Toll-Free Phone: 1-877-Bio-Legend (246-5343) Phone: (858) 768-5800 Fax: (877) 455-9587