

Spark Blue™ 574 Goat anti-mouse IgG (minimal x-reactivity) Antibody

Catalog# / Size	405342 / 100 µg
Clone	Poly4053
Regulatory Status	RUO
Isotype	Goat Polyclonal IgG
Description	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

Verified Reactivity	Mouse
Antibody Type	Polyclonal
Host Species	Goat
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Preparation	The antibody was purified by affinity chromatography and conjugated with Spark Blue™ 574 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	FC - Quality tested
Recommended Usage	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 ≤ 0.5 µg per million cells in 100 µL volume. It is recommended that the reagent be titrated for optimal performance for each application. * Spark Blue™ 574 has a maximum excitation of 506 nm and a maximum emission of 574 nm.
Excitation Laser	Blue Laser (488 nm)
Application Notes	This polyclonal goat anti-mouse IgG antibody is useful for capture or detection of mouse IgG in ELISA.
Application References	1. Scotta C, <i>et al.</i> 2008. <i>J Immunol.</i> 181:1025-33. PubMed 2. Gao X, <i>et al.</i> 2014. <i>Cell Mol Neurobiol.</i> 34:257-68 (ICC) 3. Winters T, <i>et al.</i> 2014. <i>EMBO J.</i> 33:1256-70.
(PubMed link indicates BioLegend citation)	

Antigen Details

Distribution	B cells
Gene ID	16059

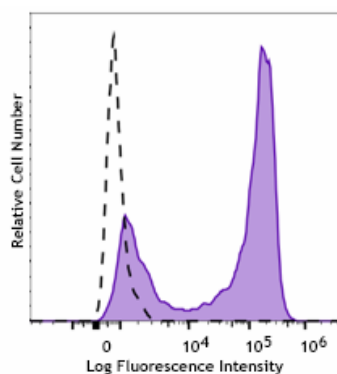
Related Protocols

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

Other Formats

Spark Red™ 718 Goat anti-mouse IgG (minimal x-reactivity), Spark YG™ 570 Goat anti-mouse IgG (minimal x-reactivity), Brilliant Violet 510™ Goat anti-mouse IgG (minimal x-reactivity), Biotin Goat anti-mouse IgG (minimal x-reactivity), FITC Goat anti-mouse IgG (minimal x-reactivity), PE 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), HRP Goat anti-mouse IgG (minimal x-reactivity), Purified Goat anti-mouse IgG (minimal x-reactivity), DyLight™ 649 Goat anti-mouse IgG (minimal x-reactivity), DyLight™ 488 Goat anti-mouse IgG (minimal x-reactivity), PerCP/Cyanine5.5 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 421™ Goat anti-mouse IgG (minimal x-reactivity), Alexa Fluor® 594 Goat anti-mouse IgG (minimal x-reactivity), Spark PLUS B550™ Goat anti-mouse IgG (minimal x-reactivity), Spark Blue™ 574 Goat anti-mouse IgG (minimal x-reactivity) Antibody, Spark PLUS UV395™ Goat anti-mouse IgG (minimal x-reactivity), Brilliant Violet 605™ Goat anti-mouse IgG (minimal x-reactivity), Brilliant Violet 570™ Goat anti-mouse IgG (minimal x-reactivity), Brilliant Violet 785™ Goat anti-mouse IgG (minimal x-reactivity), PE/Dazzle™ 594 Goat anti-mouse IgG (minimal x-reactivity), Cyanine3 Goat anti-mouse IgG (minimal x-reactivity), APC Goat anti-mouse IgG (minimal x-reactivity), Alexa Fluor® 488 Goat anti-mouse IgG (minimal x-reactivity), Brilliant Violet 650™ Goat anti-mouse IgG (minimal x-reactivity), PE/Cyanine7 Goat anti-mouse IgG (minimal x-reactivity), APC/Cyanine7 Goat anti-mouse IgG (minimal x-reactivity), PE/Fire™ 744 Goat anti-mouse IgG (minimal x-reactivity), APC/Fire™ 810 Goat anti-mouse IgG (minimal x-reactivity)

Product Data



Human peripheral blood lymphocytes were stained with purified mouse anti-human CD3 (UCHT1), followed by goat anti-mouse IgG (clone Poly4053) Spark Blue™ 574 (filled histogram). Open histogram represents unstained cells.

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