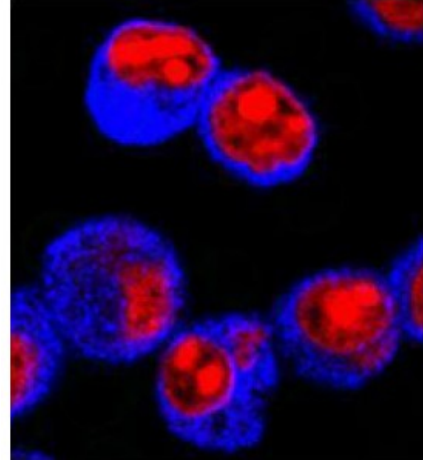


Brilliant Violet 421™ Goat anti-mouse IgG (minimal x-reactivity)

Catalog # / Size: 2626585 / 125 µl
Clone: Poly4053
Isotype: Goat IgG
Reactivity: Mouse
Preparation: The antibody was purified by affinity chromatography, and conjugated with Brilliant Violet 421™ under optimal conditions. The solution is free of unconjugated Brilliant Violet 421™ and unconjugated antibody.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA).
Concentration: Lot-specific



293E cells were stained with purified anti-tubulin- α (clone TU-01) and then BV421™ anti-mouse IgG (clone Poly4053)(blue) as the secondary antibody. Nuclei were stained with propidium iodide (red).

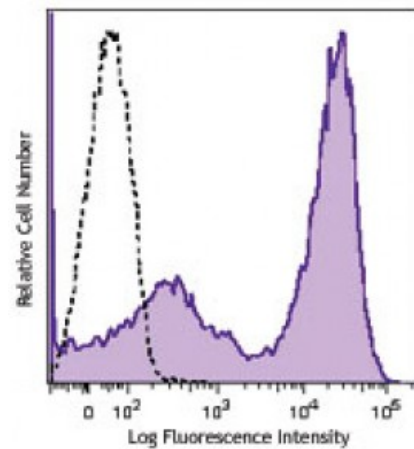
Applications:

Applications: Immunofluorescence
Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescence staining. For IF staining, the suggested dilution of this reagent is 1:20 - 1:50. It is recommended that the reagent be titrated for optimal performance for each application.

Brilliant Violet 421™ excites at 405 nm and emits at 421 nm. The standard bandpass filter 450/50 nm is recommended for detection. Brilliant Violet 421™ is a trademark of Sirigen Group Ltd.

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Application This polyclonal goat anti-mouse IgG



Human peripheral blood lymphocytes were stained with purified mouse anti-human CD3 (UCHT1), followed by anti-mouse IgG (Poly4053) Brilliant Violet 421™.

Notes: antibody is useful for capture or detection of mouse IgG in ELISA.

**Application
References:** 1. Scotta, C, *et al.* 2008. *J. Immunol.* 181:1025. [PubMed](#)

Description: This polyclonal goat anti-mouse IgG antibody reacts with the heavy chains of mouse IgG and with the light (κ and λ) 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-reaction with other subclasses of mouse immunoglobulins.