SONY

Product Data Sheet

Biotin Goat anti-rat IgG (minimal x-reactivity)

Catalog # / Size:	2627140 / 100 µg
Clone:	Poly4054
Isotype:	Goat IgG
Reactivity:	Rat
Preparation:	The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	Lot-specific

Applications:

Applications:	Flow Cytometry
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 ≤ 0.6 ug per million cells in 100 ul volume. In addition, it has been tested by ELISA (≤ 2 ug/ml) to assure the specificity and reactivity. It is recommended that the reagent be titrated for optimal performance for each application. This product is subject to proprietary rights of Sirigen Inc. and is made and sold under license from Sirigen Inc. The purchase of this product conveys to the buyer a non-transferable right to use the purchased product for research purposes only. This product may not be resold or incorporated in any manner into another product for resale. Any use for therapeutics or diagnostics is strictly prohibited. This product is covered by U.S. Patent(s), pending patent applications and foreign equivalents.
Application Notes:	This conjugated goat anti-rat IgG antibody is useful for direct immunofluorescent staining or as a second step reagent for indirect immunofluorescent staining when used in conjunction with primary antibodies.
Application References:	1. Zornetzer GA, *et al.* 2010. *J. Virol.* 84:11297. PubMed 2. Frank NY, *et al.* 2011. *Cancer Res.* 71:1474. (IHC) PubMed

Description: Goat anti-rat IgG antibody reacts primarily with the heavy chains of rat IgG, but also partially binds to the light chains common to most rat 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 rabbit, human, bovine, horse, and mouse immunoglobulins, but it may cross-react with other immunoglobulins from other species.