

bs-0293G-BF405**[Secondary Antibodies]**

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Goat Anti-Rat IgG H&L, BF405 conjugated**— DATASHEET —****Host:** Goat**Isotype:** IgG**Clonality:** Polyclonal**Target:** Goat Anti-Rat IgG H&L**Immunogen:** Native Rat IgG: full length.**Purification:** affinity purified by Protein G**Storage:** 10 mM TBS (pH=7.4) with 1% BSA, 0.02% Proclin300 and 50% glycerol.
Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 8-17 mg/mL in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has two separate functions; to bind to the pathogen that elicited the response and to recruit other cells and molecules to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 10¹¹ variants.**Applications:** IF (1:100-1000)**Flow-Cyt** (1:100-1000)**ICC/IF** (1:100-1000)

Excitation Spectrum: 405nm

Emission spectrum: 424nm

Reactivity: Rat