bs-0358G-APC **[Secondary Antibodies]**

Goat Anti-Guinea Pig IgG H&L, APC conjugated

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DATASHEET

Host: Goat **Isotype:** IgG

Clonality: Polyclonal

Target: Goat Anti-Guinea Pig IgG H&L

Purification: affinity purified by Protein G

Concentration: 2.0 mg/ml

Storage: 10 mM TBS (pH=7.4) with 1% BSA, 0.03% 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: 650nm
Emission spectrum: 660nm

Reactivity: Guinea Pig

SELECTED CITATIONS

- **[IF=5.714]** Haiwei Cheng. et al. Promoting immunity with novel targeting antigen delivery vehicle based on bispecific nanobody. INT IMMUNOPHARMACOL. 2023 Jun;119:110140 FCM ;Mouse. 37116343