bs-0308R-FITC **[Secondary Antibodies]**

Rabbit Anti-Horse IgG H&L, FITC conjugated

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

Target: Rabbit Anti-Horse IgG H&L

Purification: affinity purified by Protein A

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: 495nm
Emission spectrum: 519nm

Reactivity: Horse

SELECTED CITATIONS

- **[IF=3.905]** Cui Z et al. Equine immunoglobulin F (ab') 2 fragments protect cats against feline calicivirus infection. Int Immunopharmacol. 2019 Jul 25;75:105714. ICC ;Horse. 31352323
- **[IF=2.574]** Zhanding Cui. et al. Icariin, Formononetin and Caffeic Acid Phenethyl Ester Inhibit Feline Calicivirus Replication In Vitro. 2021 Jun 25 IF ;Cat. 34173062

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.