### bs-60296G-PE

### [ Secondary Antibodies ]

# Bioss ANTIBODIES

# F(ab')<sub>2</sub> Fragment Goat Anti-Mouse IgG H&L, PE conjugated

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- DATASHEET -

Host: Goat Isotype: IgG

Clonality: Polyclonal

Target: F(ab')<sub>2</sub> Fragment Goat Anti-Mouse IgG H&L

**Purification:** affinity purified by Protein G

Concentration: 1 mg/ml

**Storage:** 10 mM TBS (pH=7.4) with 1% BSA, 0.03% Proclin300 and 50%

Glycerol.

Shipped at 4°C. 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: 496/564nm Emission spectrum: 578nm

Reactivity: Mouse

#### SELECTED CITATIONS —

• [IF=15.7] Li Jinbo. et al. Galloylated liposomes enable targeted drug delivery by overcoming protein corona shielding. NAT COMMUN. 2025 Aug;16(1):1-15 FC; Mouse. 40854890