

bs-60295G-FITC

[Secondary Antibodies]

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ANTIBODIES

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F(ab')₂ Fragment Goat Anti-rabbit IgG H&L, FITC conjugated

DATASHEET

Host: Goat

Isotype: IgG

Clonality: Polyclonal

Target: F(ab')₂ Fragment Goat Anti-rabbit IgG H&L

Purification: affinity purified, nonspecific adsorbed

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 (1:200-1000)

Flow-Cyt (1:100-1000)

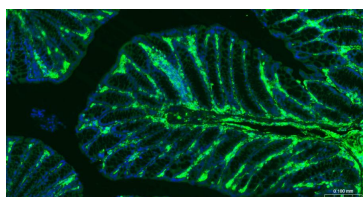
ICC/IF (1:100-1000)

Excitation Spectrum: 495nm

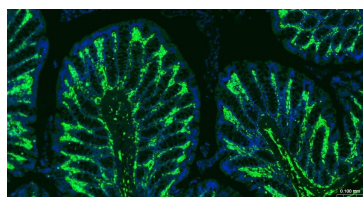
Emission spectrum: 519nm

Reactivity: Rabbit

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded Mouse Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Vimentin Polyclonal Antibody, Unconjugated (bs-8533R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-FITC), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Rat Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Vimentin Polyclonal Antibody, Unconjugated (bs-8533R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-FITC), DAPI (blue, C02-04002) was used to stain the cell nuclei.