

bs-0360R-BF647

[Secondary Antibodies]

Rabbit Anti-Human IgA, BF647 conjugated



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— DATASHEET —

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Target: Rabbit Anti-Human IgA

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: Monomeric IgA constitutes 5-15 % of the serum immunoglobulins whereas dimeric IgA is localized to mucosa surfaces such as saliva, gastrointestinal secretion, bronchial fluids and milk. Mucosal IgA plays a major role in host defence by neutralising infectious agents at mucosal surfaces. The production is usually local and antigen specific IgA producing B-cells can be found in regions under the lamina propria where they mature into dimeric IgA producing plasma cells. IgA deficiency is the most common immunodeficiency that may affect both serum and mucosal produced IgA.

Applications: IF (1:100-1000)

Flow-Cyt (1:100-1000)

ICC/IF (1:100-1000)

Excitation Spectrum: 647nm

Emission spectrum: 666nm

Reactivity: Human