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## Rabbit Anti-Human IgG F(ab')<sub>2</sub>, Cy5.5 conjugated

Catalog Number: bs-0364R-Cy5.5

Target Protein: Rabbit Anti-Human IgG F(ab')<sub>2</sub>

Concentration: 1.0 mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IF (1:100-1000)

Excitation spectrum: 675nm

Emission spectrum: 694nm

Not yet tested in other applications.

Optimal working dilutions must be determined by the end user.

Reactivity: Human

Purification: affinity purified by Protein A

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:** Human IgG consists of four subclasses (1-4) that can be recognised by antigen differences in their heavy chains. Each subclass has different biological and physiochemical properties.

The IgG subclass may be preferentially produced in response to different antigens.

The Fab fragment (fragment antigen binding) is the antigen region of the IgG molecule. It is composed of one constant and one variable domain of each of the heavy and the light chain.