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## AffiniPure F(ab')<sub>2</sub> Fragment Goat Anti-Rabbit IgG (H+L), BF488 conjugated

Catalog Number: bs-60295G-BF488

Target Protein: AffiniPure F(ab')<sub>2</sub> Fragment Goat Anti-Rabbit IgG (H+L)

Applications: IF (1:200-1000)

Reactivity: Rabbit

Storage: Store at -20 °C.

Background: Target: Rabbit

Host: Goat

Antibody Format: F(ab')<sub>2</sub> Fragment

Specificity: IgG (H+L)

Minimal Cross Reactivity: Human, Mouse, Rat Serum Proteins

Conjugate: Alexa Fluor<sup>®</sup> 488 (Amax: 493 Emax: 519nm)

Product Category: F(ab')<sub>2</sub> Fragment Affinity-Purified Antibodies

Dilution Range: 1:100-800 for most applications

Purity: The antibody was purified from antisera by a combination of pepsin digestion and immunoaffinity chromatography using antigens coupled to agarose beads. Fc fragments and whole IgG molecules have been removed.

Buffer: 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6

Stabilizer: 15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)

Preservative: 0.05% Sodium Azide

### Information:

Based on immunoelectrophoresis and/or ELISA, the antibody reacts with whole molecule rabbit IgG. It also reacts with the light chains of other rabbit immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. The antibody has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reaction with human, mouse and rat serum proteins, but it may cross-react with immunoglobulins from other species.

F(ab')<sub>2</sub> fragment antibodies are generated by pepsin digestion of whole IgG antibodies to remove most of the Fc region while leaving some of the hinge region. F(ab')<sub>2</sub> fragments have two antigen-binding Fab portions linked together by disulfide bonds and therefore they are divalent. The average molecular weight is about 110 kDa. They are used for specific applications, such as to avoid binding of secondary antibodies to live cells with Fc receptors

or to Protein A or Protein G.

## PRODUCT SPECIFIC PUBLICATIONS

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[IF=10.5] Xiao-Ling Zhang, et al. A single molecule carrier for ocular posterior segment diseases. J CONTROL RELEASE. 2024 Oct;; IF ;  
Mouse . 39490420