

## goat anti-mouse PE-conjugated

PE- conjugated polyclonal antibodies to mouse immunoglobulins (IgG)

Cat-No: **22549814**

500 µl

### Product:

R-Phycoerythrin-conjugated AffiniPure F(ab')<sub>2</sub> Fragment Goat Anti-Mouse IgG (H+L) (minimal cross-reaction to Human, Bovine, Horse, Rabbit and Swine Serum Protein).

### Purity:

The antibody was isolated 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.

### Specificity:

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

**Physical state:** Liquid

**Buffer/Additives/Preservative:** PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.2).

### Storage and Stability:

Storage at 4 °C is recommended. Do not freeze. Do not use this product beyond the stated expiration date.

**Application:** Flow Cytometry

### Information:

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.

### Caution:

Glycerol has been reported to denature PE. Although cells/sections may be mounted in glycerol containing media for short term viewing, exposure to glycerol for more than a few hours may lead to a decrease in fluorescence.

**Warning:** Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for **research use only**. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

**ImmunoTools** Excellent Quality - Advantageously priced

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