

## goat anti-mouse PE-conjugated

PE- conjugated polyclonal antibodies to mouse immunoglobulins (IgG+IgM)

Cat-No: **22549914**

500 µl

### Product:

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

### 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.

### Specificity:

Based on immunoelectrophoresis and/or ELISA, the antibody reacts with both mouse IgG and IgM. 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, and horse 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:

Whole IgG antibodies are isolated as intact molecules from antisera by immunoaffinity chromatography. They have an Fc portion and two antigen binding Fab portions joined together by disulfide bonds and therefore they are divalent. The average molecular weight is reported to be about 160 kDa. The whole IgG form of antibodies is suitable for the majority of immunodetection procedures and is the most cost effective.

### 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 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

Gladiolenweg 2; 26169 Friesoythe; Germany  
phone:+49-(0)4491-400997, fax:+49-(0)4491-400998, [info@immunotools.com](mailto:info@immunotools.com)  
[www.immunotools.com](http://www.immunotools.com)