



## Goat anti-Rat IgG (H+L), PE AffiniPure

Catalog	PMK-015-099M	PMK-015-099S	Tel :027-87888039
Quantity	100μL	1ml	E-mail: postmaster@biopmk.com
			Web:www.biopmk.com

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
IF、Flow-Cyt	Rat	N/A	IgG1

**Storage Buffer & Condition:** 0.01M Sodium phosphate, 0.25M NaCl, 50% glycerol, pH7.6  
 Store at -20°C. Do not aliquot the antibody.

**Concentration:** 2mg/ml

**Preservative:** 0.05% Sodium Azide

**Also known as:** Immunoglobulin G

**Optimal dilutions should be determined by the end user.**

**Application:** Flow-Cyt: 1:100-1000 IF: 1:100-1000  
 not yet tested in other applications.

**Purity:** The antibody was purified from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.

**background:** Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 8-17 mg/mL in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has two separate functions; to bind to the pathogen that elicited the response and to recruit other cells and molecules to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 10<sup>11</sup> variants.

**Expiration date:** Store at -20°C. Avoid repeated freeze / thaw cycles. The expiration date may be extended if test results are acceptable for the intended use.

**Note:** For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.