

Product Data Sheet

Date of Issue: 22 Feb 2019

1. Product Information

- Product Name : Goat anti-rabbit IgG, HRP
- Catalog Number : RSA1221
- \cdot Packing Unit : 0.5 mg / 1 mg / 2 mg
- · Appearance : Liquid
- Storage Conditions : Protect from Light at 4 °C

2. Additional Information

Target Species Reactivity: Rabbit

• Host :	Goat
• Isotype :	IgG
• Conjugate :	HRP
• Concentration :	1 mg/mL
• Storage Buffer :	10 mM PBS, pH 7.4, 15 mg/mL BSA

3. Description

Goat anti-rabbit IgG, HRP, developed by BioActs' leading technology, is a horseradish peroxidase (HRP) conjugated secondary antibody that that reacts with H_2O_2 in stoichiometric ratio to produce a strongly absorbing fluorescent reaction product. This reactive antibody displays a high extinction coefficient, good quantum efficiency, and resistance to auto-oxidation. This antibody can also provide greater sensitivity through signal amplification as multiple secondary antibodies can bind to a single primary antibody, thereby visualizing low abundant targets, minimizing experiment time, and allowing an accurate sample count. The ability of HRP to oxidize various substrates to produce products makes HRP-labeled antibodies useful for a wide range of applications. HRP conjugate of goat anti–rabbit IgG antibody is useful for fluorescent detection of a rabbit antibody to a small amount of specific protein. We offer Goat anti-rabbit IgG, HRP as an optimal molecular probe for a variety of biological applications such as immunohistochemistry, ELISA, dot blot, Western blot, etc.

WARNING: Intended for research use only. This product is not intended or approved for human, diagnostics, therapeutic or veterinary use. Use of this product for human or animal testing is extremely hazardous and may result in disease, severe injury, or death. MATERIAL SAFETY DATA: Review the complete Material Safety Data Sheet before use Material Safety Data Sheet (MSDS), Certificate of Analysis (COA) and Technical Information are available at http://www.bioacts.com or upon request.