Product Data Sheet

Date of Issue: 22 Feb 2019

1.   Product Information

- Product Name :   Goat anti-rabbit IgG, HRP

- Catalog Number :   RSA1221

- Packing Unit :   0.5 mg / 1 mg / 2 mg

- Appearance :   Liquid

- Storage Conditions :   Protect from Light at 4 ℃

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.