

# Product Data Sheet

Date of Issue: 26 Nov 2019

## 1. Product Information

- Product Name : Goat anti-rat IgG, FSD™ 800
- Catalog Number : RSA1585
- Packing Unit : 0.5 mg / 1 mg
- Appearance : Green Liquid
- Storage Conditions : 4 °C, protect from light

## 2. Additional Information

- Target Species Reactivity : Rat
- Host : Goat
- Isotype : IgG
- Conjugate : FSD™ 800
- Concentration : 2 mg/mL
- Excitation<sub>Max</sub> : 774 ± 5 nm
- Emission<sub>Max</sub> : 790 ± 5 nm
- Storage Buffer : 10 mM PBS, pH 7.4, 1.5% BSA, 5 mM sodium azide

## 3. Description

Goat anti-rat IgG, FSD™ 800 is a fluorescence conjugated secondary antibody that displays excellent optical imaging with low cross reactivity. Anti-rat secondary antibodies display specificity for rat IgG and are useful for the detection of specific target. Since multiple secondary antibodies can bind to a single primary antibody, Goat anti-rat IgG, FSD™ 800 might provide the great sensitivity in signal amplification, visualize low abundant targets and reduce experimental time. FSD Fluor™ is a new generation of dye series with superb fluorescence intensity and high quantum yield comparing to traditional dyes. FSD™ 800 might be excited using 750 or 785 nm laser line and displays excellent optical property. We offer Goat anti-rat IgG, FSD™ 800 as a suitable fluorescent molecular probe for many biological experiments such as fluorescence microscopy, flow cytometry, microplate assays, protein and nucleic acid blots, in situ hybridization, etc.

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**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.

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