

# Product Data Sheet

Date of Issue: 26 Nov 2019

## 1. Product Information

- Product Name : Rabbit anti-goat IgG, FSD™ 680
- Catalog Number : RSA4475
- Packing Unit : 0.5 mg / 1 mg
- Appearance : Blue Liquid
- Storage Conditions : 4 °C, protect from light

## 2. Additional Information

- Target Species Reactivity : Goat
- Host : Rabbit
- Isotype : IgG
- Conjugate : FSD™ 680
- Concentration : 2 mg/mL
- Excitation<sub>Max</sub> : 679 ± 5 nm
- Emission<sub>Max</sub> : 696 ± 5 nm
- Storage Buffer : 10 mM PBS, pH 7.4, 1.5% BSA, 5 mM sodium azide

## 3. Description

Rabbit anti-goat IgG, FSD™ 680 is a fluorescence conjugated secondary antibody that displays excellent optical imaging with low cross reactivity. Anti-goat secondary antibodies display specificity for goat IgG and are useful for the detection of specific target. Since multiple secondary antibodies can bind to a single primary antibody, Rabbit anti-goat IgG, FSD™ 680 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™ 680 might be excited using 633 nm laser line and displays excellent optical property. We offer Rabbit anti-goat IgG, FSD™ 680 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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