

## **Product Data Sheet**

Date of Issue: 26 Nov 2019

## 1. Product Information

- Product Name : Goat anti-mouse IgG, Flamma® 749
- Catalog Number : RSA1101
- $\cdot \ Packing Unit: 0.5 \ mg / 1 \ mg / 2 \ mg$
- Appearance : Green Liquid
- Storage Conditions : Protect from Light at 4 °C

## 2. Additional Information

Target Species Reactivity : Goat

• Host :	Mouse
• Isotype :	IgG
• Conjugate :	Flamma® 749
• Concentration :	2 mg/mL
• Excitation <sub>Max</sub> :	$749 \pm 5 \text{ nm}$
• Emission <sub>Max</sub> :	$774 \pm 5 \text{ nm}$
• Storage Buffer :	10 mM PBS, pH 7.4, 1.5% BSA, 5 mM sodium azide

## 3. Description

Goat anti-mouse IgG, Flamma® 749 is a fluorescence conjugated secondary antibody that displays excellent optical imaging with low cross reactivity. Anti-mouse secondary antibodies display specificity for mouse IgG and are useful for the detection of specific target. Since multiple secondary antibodies can bind to a single primary antibody, Goat anti-mouse IgG, Flamma® 749 might provide the great sensitivity in signal amplification, visualize low abundant targets and reduce experimental time. Flamma® Fluor dyes feature strong absorption, high fluorescence quantum yield, and high photostability. Flamma® 749 might be excited using 750 nm laser line or dye-pumped laser excitation and the emission occurs at biological tissue permeable NIR region. We offer Goat anti-mouse IgG, Flamma® 749 as an optimal molecular probe for many biological experiments such as fluorescence microscopy, flow cytometry, microplate assays, protein and nucleic acid blots, in situ hybridization, 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.