

Product Data Sheet

Date of Issue: 8 Oct 2021

1. Product Information

- Product Name : Rabbit anti-goat IgG, Flamma® 552
- Catalog Number : RSA4451
- Packing Unit : 0.5 mg / 1 mg
- Appearance : Red Liquid
- Storage Conditions : Protect from Light at 4 °C

2. Additional Information

- Target Species Reactivity : Goat
- Host : Rabbit
- Isotype : IgG
- Conjugate : Flamma® 552
- Concentration : 2 mg/mL
- Excitation_{Max} : 550 ± 5 nm
- Emission_{Max} : 564 ± 5 nm
- Storage Buffer : 10 mM PBS, pH 7.4, 1.5% BSA, 5 mM sodium azide

3. Description

Rabbit anti-goat IgG, Flamma® 552 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, Flamma® 552 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® 552 might be excited using 532, 543, 546 or 555 nm laser line and displays excellent optical property. We offer Rabbit anti-goat IgG, Flamma® 552 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.