

iFluor™ 633 goat anti-mouse IgG (H+L)

Catalog number: 16478, 16743

Unit size: 200 ug, 1 mg

Product Details

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|--------------------|--|
| Storage Conditions | 2-6°C and kept from light. To extend the shelf-life of this product, add an equal volume of glycerol to make a final concentration of approximately 50% glycerol and store at -20°C. |
| Expiration Date | 12 months upon receiving |
| Concentration | 1 mg/mL |
| Formulation | PBS, 2 mg/mL BSA |

Unit Details

| | | |
|-----------------------|---------------------------|-------------------------|
| Unit | 16478 (200 ug) | 16743 (1 mg) |
| Reconstitution Volume | 200 uL ddH ₂ O | 1 mL ddH ₂ O |

Antibody Properties

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|--------------------|------------|
| Species Reactivity | Mouse |
| Class | Secondary |
| Clonality | Polyclonal |
| Host | Goat |

Chemical Properties

| | |
|------------------|---------|
| Molecular Weight | ~150000 |
|------------------|---------|

Biological Properties

| | |
|-------------|---|
| Stabilizer | None |
| Appearance | Black solid |
| Preparation | Goat anti-mouse IgG (H+L) is produced in goat with pooled total mouse IgG, and affinity purified with mouse IgG coupled beads. The antibody is conjugated with iFluor™ 633 under optimal condition. |
| Application | Immunofluorescence (IF), Flow Cytometry (FACS) |
| Soluble In | Water |

Spectral Properties

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|-----------------------|-------------|
| Conjugate | iFluor™ 633 |
| Excitation Wavelength | 640 nm |

Applications

AAT Bioquest's iFluor™ dyes are optimized for labeling proteins, in particular, antibodies. These dyes are bright, photostable and have minimal quenching on proteins. They can be well excited by the major laser lines of fluorescence instruments (e.g., 350, 405, 488, 555 and 633 nm). iFluor™ 633 goat anti-mouse IgG (H+L) conjugate has fluorescence excitation and emission maxima of ~638 nm and ~655 nm respectively. These spectral characteristics make them an excellent alternative to Alexa Fluor® 633 goat anti-mouse IgG (H+L) conjugate (Alexa Fluor® is the trademark of Invitrogen).