

**iFluor™ 860 goat anti-rabbit IgG (H+L)
*Cross Adsorbed***Catalog number: 48068, 48069
Unit size: 200 µg, 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 | 48068 (200 µg) | 48069 (1 mg) |
| Reconstitution Volume | 200 µL ddH ₂ O | 1 mL ddH ₂ O |

Antibody Properties

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

Chemical Properties

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

Biological Properties

| | |
|-------------|--|
| Stabilizer | None |
| Appearance | Green solid |
| Preparation | Goat anti-rabbit IgG (H+L) is produced in goat with pooled total rabbit IgG, and affinity purified with rabbit IgG coupled beads. The purified IgG has a minimal cross-reaction to human, horse, mouse, human and bovine IgG. The antibody is conjugated with iFluor™ 860 under optimal condition. |
| Application | Flow Cytometry (FACS), ELISA, HC, Western Blot |
| Soluble In | Water |

Spectral Properties

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|-----------|-------------|
| Conjugate | iFluor™ 860 |
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| | |
|-----------------------|--------|
| Excitation Wavelength | 853 nm |
| Emission Wavelength | 878 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, 532-561, 633-647, and 808 nm). iFluor™ 860 goat anti-rabbit IgG (H+L) conjugate has fluorescence excitation and emission maxima of 853 nm and 878 nm, respectively. These unique spectral characteristics makes iFluor™ 860 goat anti-rabbit IgG (H+L) conjugates ideal for various NIR imaging applications, including Western blotting, ELISA, protein arrays, tissue section imaging, and *in vivo* imaging.