

**iFluor™ 680 goat anti-rabbit IgG (H+L)
*Cross Adsorbed***Catalog number: 16712, 16838
Unit size: 200 ug, 1 mg**Product Details**

| | |
|--------------------|--|
| 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 | 16712 (200 ug) | 16838 (1 mg) |
| Reconstitution Volume | 200 uL 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 | Blue 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 and bovine IgG. The antibody is conjugated with iFluor™ 680 under optimal condition. |
| Application | Immunofluorescence (IF), Flow Cytometry (FACS) |
| Soluble In | Water |

Spectral Properties

| | |
|-----------|-------------|
| Conjugate | iFluor™ 680 |
|-----------|-------------|

| | |
|-----------------------|--------|
| Excitation Wavelength | 684 nm |
| Emission Wavelength | 701 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™ 680 goat anti-rabbit IgG (H+L) conjugate has fluorescence excitation and emission maxima of ~682 nm and ~701 nm respectively. These spectral characteristics make them an excellent alternative to Alexa Fluor® 680 goat anti-rabbit IgG (H+L) conjugate (Alexa Fluor® is the trademark of Invitrogen).