# XFD350 goat anti-rabbit IgG (H+L) *Cross Adsorbed*

Catalog Number: 16395
Unit Size: 1 mg

## Product Details

| | |
|---|---|
| Storage Conditions | 2-8°C with minimized light exposure. Do not freeze. |
| Expiration Date | 12 months upon receiving |
| Concentration | 1 mg/mL |
| Formulation | Phosphate-buffered saline (PBS, pH 7.2), 2 mg/mL BSA |

## Unit Details

| | |
|---|---|
| Reconstitution Volume | 1 mL dd$H_2O$ |

## Antibody Properties

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

## Chemical Properties

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

## Biological Properties

| | |
|---|---|
| Stabilizer | 2 mg/mL BSA |
| Appearance | 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 antibody is conjugated with XFD350 under optimal conditions. |
| Application | Flow Cytometry (FACS), IF, IHC, ELISA, WB |
| Recommended Dilutions | Suggested dilutions are only guidelines; users should titrate the product for their specific assay using appropriate controls |

| Application | Recommended dilution |
|---|---|
| Flow Cytometry (FACS) | 1-5 µg/mL |

| | |
|---|---|
| IF | 2 µg/mL |
| IHC | 1-10 µg/mL |
| ELISA | 100 ng/mL |
| WB | 1-10 µg/mL |

## Spectral Properties

| | |
|---|---|
| Conjugate | Alexa Fluor® 350 |
| Excitation Wavelength | 343 nm |
| Emission Wavelength | 441 nm |

## Applications

XFD350 is manufactured by AAT Bioquest, and it has a chemical structure similar to that of Alexa Fluor® 350 (Alexa Fluor® is the trademark of Thermo Fisher). Our goat anti-rabbit IgG whole antibodies have been cross-adsorbed against human IgG and human serum prior to conjugation to minimize cross-reactivity. This XFD350 labeled-goat anti-rabbit IgG conjugate is prepared by the reaction of cross-adsorbed goat anti-rabbit IgG whole antibody with XFD350 NHS ester, which has the same molecule to Alexa Fluor® 350 NHS ester. Each conjugate has typically 4-6 fluorophores per IgG molecule. Fluorescent secondary antibody conjugates are useful in the detection, sorting, or purification of its specified target and ideal for fluorescence microscopy and confocal laser scanning microscopy, flow cytometry, and fluorescent western detection.