

Rabbit Anti-Alexa Fluor 647 Antibody, iFluor® 750-Labeled

Catalog Number: 46572

Unit Size: 100 ug

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 | PBS, 0.2% (w/v) BSA |

Unit Details

| | |
|----------------|---------------------------|
| Reconstitution | 0.1 mL ddH ₂ O |
| Volume | |

Antibody Properties

| | |
|-----------|--|
| Clonality | Polyclonal |
| Host | Rabbit |
| Immunogen | Alexa Fluor 647 coupled to carrier protein |

Biological Properties

| | |
|-------------|---|
| Stabilizer | BSA |
| Appearance | Solid |
| Preparation | It is produced with Alexa Fluor 647 coupled carrier protein in rabbit and affinity purified with Protein G beads. The antibody is conjugated with iFluor® 750 under optimal conditions. |
| Soluble In | Water |
| Application | IF, ELISA, Flow Cytometry (FACS) |

Spectral Properties

| | |
|-----------------------|-------------|
| Conjugate | iFluor® 750 |
| Excitation Wavelength | 757 nm |
| Emission Wavelength | 779 nm |

Applications

Rabbit Anti-Alexa Fluor 647 Antibody, iFluor® 750-Labeled is a polyclonal antibody that specifically binds to Alexa Fluor® 647-conjugated molecules and is directly labeled with iFluor® 750, a near-infrared fluorophore with excitation/emission of ~752/778 nm. This direct labeling format allows single-step detection of Alexa Fluor® 647-labeled targets without requiring secondary antibodies.

The antibody may cross-react with structurally similar fluorophores such as iFluor® 647, Cy5, ATTO 647, and DyLight® 650. Its near-infrared emission reduces background and is ideal for signal amplification, conjugation verification, and multiplexed fluorescence detection

Alexa Fluor® and DyLight® are registered trademarks of Thermo Fisher Scientific.