

## Rabbit Anti-Texas Red Antibody, iFluor® 594-Labeled

Catalog Number: 46693

Unit Size: 100 ug

### Product Details

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Storage Conditions	2-8°C with minimized light exposure. Do not freeze.
Concentration	1 mg/mL
Formulation	PBS, 0.2% (w/v) BSA

### Unit Details

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Reconstitution Volume 0.1 mL ddH2O

### Antibody Properties

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Clonality	Polyclonal
Host	Rabbit
Immunogen	Texas Red coupled to carrier protein

### Biological Properties

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Stabilizer	BSA
Appearance	Solid
Preparation	It is produced with Texas Red coupled carrier protein in rabbit and affinity purified with Protein G beads. The antibody is conjugated with iFluor® 594 under optimal conditions.
Soluble In	Water
Application	IF, ELISA, Flow Cytometry (FACS)

### Spectral Properties

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Conjugate	iFluor® 594
Excitation Wavelength	587 nm
Emission Wavelength	603 nm

### Applications

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Rabbit Anti-Texas Red Antibody, iFluor® 594-Labeled is a polyclonal antibody that specifically binds to Texas Red®-conjugated molecules and is directly labeled with iFluor® 594, a red-emitting fluorophore with excitation around 590 nm. This format

enables single-step fluorescence detection and signal amplification, eliminating the need for secondary antibodies and reducing background in complex workflows.

The antibody may cross-react with similar fluorophores such as iFluor® 594 and Alexa Fluor® 594. It is ideal for signal amplification in low-abundance target detection, verifying dye conjugation efficiency, and performing multiplex fluorescence assays in applications like microscopy, flow cytometry, and ELISA.

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