

## Rabbit Anti-DNP Antibody, iFluor® 488-Labeled

Catalog Number: 46855

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 Volume 0.1 mL ddH<sub>2</sub>O

### Antibody Properties

---

|           |                                |
|-----------|--------------------------------|
| Clonality | Polyclonal                     |
| Host      | Rabbit                         |
| Immunogen | DNP coupled to carrier protein |

### Biological Properties

---

|             |   |
|-------------|---|
| Stabilizer  | BSA   |
| Appearance  | Solid   |
| Preparation | It is produced with Cy7 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® 488

Excitation Wavelength 491 nm

Emission Wavelength 516 nm

### Applications

---

Rabbit Anti-DNP Antibody, iFluor® 488-Labeled is a polyclonal antibody that specifically binds to dinitrophenyl (DNP) groups and is directly labeled with iFluor® 488, a green-emitting fluorophore excited at around 490 nm. This configuration allows direct, single-step fluorescence detection without the need for secondary reagents.

The antibody is ideal for detecting DNP-labeled peptides, proteins, and other biomolecules with high sensitivity. It is suitable for validating DNP conjugation efficiency and enables multiplexed detection in fluorescence-based assays.