

Rabbit Anti-DNP Antibody, iFluor® 350-Labeled

Catalog Number: 46852

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 ddH2O
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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.
Soluble In	Water
Application	IF, ELISA, Flow Cytometry (FACS)

Spectral Properties

Conjugate	iFluor® 350
Excitation Wavelength	345 nm
Emission Wavelength	450 nm

Applications

Rabbit Anti-DNP Antibody, iFluor® 350-Labeled is a polyclonal antibody that specifically binds to dinitrophenyl (DNP) moieties and is directly labeled with iFluor® 350, a blue-emitting fluorophore excitable around 350 nm. This direct labeling format enables sensitive, single-step fluorescence detection of DNP-conjugated proteins, peptides, and small molecules.

The antibody is highly suitable for validating DNP conjugation and integrating DNP-tagged molecules into multiplex fluorescence-based assays.