

Mouse Monoclonal Anti-DNP Antibody, HRP-Conjugated

Catalog Number: 46877

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 ₂ O
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Antibody Properties

Clonality	Monoclonal (IgG2A)
Host	Mouse
Immunogen	DNP

Biological Properties

Stabilizer	BSA
Appearance	Solid
Soluble In	Water
Application	IF, ELISA, Flow Cytometry (FACS)

Applications

Mouse Monoclonal Anti-DNP Antibody, HRP-Conjugated is a monoclonal antibody that specifically recognizes DNP (dinitrophenyl) conjugates and is directly conjugated to horseradish peroxidase (HRP). DNP is a widely used hapten in immunoassay development. The HRP tag enables sensitive colorimetric or chemiluminescent detection in ELISA, Western blotting, and immunohistochemical assays.

The monoclonal format ensures high specificity, low background, and reproducible performance across batches. This antibody is ideal for detecting DNP-labeled haptens, peptides, or proteins in enzymatic immunoassays requiring high sensitivity and reliable signal amplification.