



Human Anti-DNP monoclonal antibody, clone O308B (CABT-L1912)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview This antibody is a chimeric monoclonal antibody, which combines the variable region of a mouse monoclonal antibody with human IgG1 constant domain

Specificity Specifically reacts with DNP (Dinitrophenyl) and DNP conjugated proteins

Target DNP

Immunogen DNP-BSA

Isotype IgG1, κ

Source/Host Human

Species Reactivity Human

Clone O308B

Purification Protein A affinity chromatography from HEK293 supernatants.

Conjugate Unconjugated

Applications ELISA

Molecular Weight 50 and 25 kDa for the heavy and light chains, respectively (150 kDa)

Reconstitution See Certificate of Analysis for reconstitution instructions and specific concentrations.

Format Lyophilized powder

Size 100 µg

Buffer	Lyophilized from 0.22 µm filtered solution in 50 mM tris, 100 mM glycine, pH7.5.
Preservative	See individual product datasheet
Storage	Avoid repeated freeze-thaw cycles. -20°C to -70°C for 12 months in lyophilized state. -70°C for 3 months under sterile conditions after reconstitution.

BACKGROUND

Introduction	Dinitrophenyl (DNP) is a hapten that is often used for labeling primary or secondary probes in immunological assays. Therefore, anti-DNP antibody is a useful tool for the detection and analysis of target molecules.
Keywords	DNP; Dinitrophenol

GENE INFORMATION

Gene Name	DNP
Synonyms	DNP; Dinitrophenol
