

PRODUCT INFORMATION

Product Name: Anti-6 x Histidine Antibody (mouse monoclonal)

Code No: F008

Size: 100 μ g

Storage: Store at -20°C

Preparation: This antibody was produced from a mouse hybridoma (clone#H21-5) elicited from a mouse immunized with a polypeptide containing the N-terminus 6 x histidine tag. The IgG fraction of ascites fluid was purified by Protein G affinity chromatography.

Ig Isotype/Light Chain: IgG₃/ κ

Formulation: Lyophilized from a 0.2 μ m filtered solution in phosphate-buffered saline (PBS).

Storage and Stability: Store the vial at -20°C or below. Under this condition, the antibody is stable for 24 months.

Reconstitution: Keep the vial on ice prior to restoration. For preparing a 1mg/ml stock solution, reconstitute the antibody by addition of 100 μ l of 50% glycerol, mix gently and let it stand for 5min on ice. Using deionized water instead of 50% glycerol may be good, but for extended storage, 50% glycerol is recommended. For an optimal storage, aliquot into small portions and store at -20°C or below. Avoid repeated freeze-thaw cycles.

Specificity: This antibody has been selected for its ability to detect proteins containing consecutive histidine regions. The antibody detects polyhistidine tags localized at the N-terminus.

Application: Western blotting, ELISA, Affinity chromatography

Suggested Working Dilution: Western Blotting: 0.5-2 μ g/ml

The optimal dilution for a specific application should be determined by the investigator.

Note: This product is for research use only and is not intended for therapeutic or diagnostic application.