

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

Code No: F008
Size: 100 μ g

Storage: -20°C *This product is for research use only*

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 1 mg/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.

Related Products	
DS520	AllView PAGE Buffer Change the electrophoresis buffer to this product, and get wide separation like gradient gel and 15 minutes high speed electrophoresis
DM660	DynaMarker Protein MultiColor Stable II Pre-stained protein molecular weight marker Possible to store at 4 °C