His tag monoclonal antibody, clone H21-5

Catalog # MAB0041 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against recombinant protein with His tag.
Immunogen	Polypeptide containing the N-terminus 6 x His tag.
Host	Mouse
Specificity	This antibody has been selected for its ability to detect proteins containing consecutive histidine regi ons. The antibody detects polyhistidine tags localized at the N-terminus.
Form	Lyophilized
Preparation Method	This antibody was produced from a mouse hybridoma (clone# H21-5) elicited from a mouse immuniz ed with a polypeptide containing the N-terminus 6 x histidine tag. The IgG fraction of ascites fluid was purified by Protein G affinity chromatography.
Isotype	IgG3, kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein with His tag on ELISA and Western Blot and Affinity chromatography.
Recommend Usage	Affinity chromatography ELISA Western Blot (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS.
Storage Instruction	Store at -20°C on dry atmosphere. Keep the vial on ice prior to restoration. For preparing a 1 mg/mL stock solution, reconstitute the anti body by addition of 100 uL of 50% glycerol, mix gently and let it stand for 5 min on ice. Using deioniz ed water instead of 50% glycerol may be good, but for extended storage, 50% glycerol is recommen ded. For an optimal storage, aliquot into small portions and store at -20°C or below. Avoid repeated f reeze-thaw cycles.

Applications

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- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Cell lysate)
- Western Blot (Recombinant protein)
- Affinity Chromatography

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