

## His tag monoclonal antibody, clone H21-5

Catalog # MAB0041

Size 100 ug

### Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against recombinant protein with His tag.
<b>Immunogen</b>	Polypeptide containing the N-terminus 6 x His tag.
<b>Host</b>	Mouse
<b>Specificity</b>	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.
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	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.
<b>Isotype</b>	IgG3, kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein with His tag on ELISA and Western Blot and Affinity chromatography.
<b>Recommend Usage</b>	Affinity chromatography ELISA Western Blot (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	Lyophilized from PBS.
<b>Storage Instruction</b>	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 antibody by addition of 100 uL of 50% glycerol, mix gently and let it stand for 5 min 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.

### Applications

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