



## Monoclonal Anti-Poly Histidine Antibody

Product Number	00-1711
Clone Number	AD1.1.10
Lot Number	XXXX
Size	100 ug
Concentration	1 mg/ml
Formulation	0.2 $\mu$ m filtered solution in 100 mM NaPi, 100 mM NaCl, 2 mM NaN <sub>3</sub>
Storage	4-8°C
Specificity	polypeptide containing a polyhistidine tag
Immunogen	polyhistidine tagged polypeptide
IgG class	mouse IgG <sub>1</sub>

### Preparation

This antibody was produced from a mouse hybridoma elicited from a mouse immunized with a polypeptide containing polyhistidine tag. The IgG fraction of ascites fluid was purified by Protein G affinity chromatography. The antibody pool was then purified with size exclusion chromatography (Superdex-200) to remove aggregated IgG.

### Form/Shipping & Storage

Supplied as a 0.2  $\mu$ m filtered solution in 100 mM sodium phosphate, 100 mM sodium chloride and 2 mM sodium azide. Can be stored at 2-8°C for at least three months without detectable loss of activity.

### Specificity

This antibody has been selected for its ability to detect proteins containing accessible consecutive histidine regions. The antibody has been shown to detect polyhistidine tags localized at both the amino- or carboxyl-terminus.

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