

## 10-6504: Mouse Monoclonal Antibody to HIS Tag (Clone: 6AT18)(Discontinued)

**Clonality :** Monoclonal  
**Clone Name :** 6AT18  
**Application :** WB  
**Format :** Purified  
**Isotype :** Mouse IgG1

### Description

Epitope tags consisting of short sequences recognized by well-characterized monoclonal antibodies have been widely used in the study of protein expression in various systems. The 6xHIS tag (HHHHHH), recognized by the monoclonal antibody clone 6AT18 provides an established example of this application. 6xHIS-tagged fusion proteins are easily purified from cell lysates by affinity chromatography using Nickel-Sepharose resin. Anti-6xHIS monoclonal antibody provides a simple solution to detect the expression of HIS-tagged fusion proteins in cells.

### Product Info

**Amount :** 80  $\mu$ l / 400  $\mu$ l  
**Purification :** Protein G Chromatography  
**Content :** Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.  
**Storage condition :** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

### Application Note

WB~1:1000-1:2000

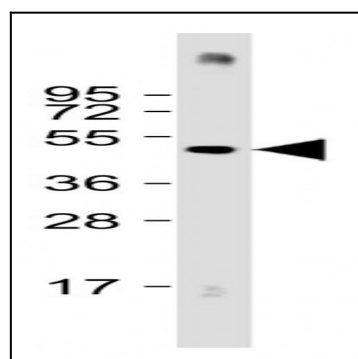


Figure 1: Anti-HIS Tag antibody (10-6504) at 1:2000 dilution + 12 tag recombinant protein lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 45-50 kDa.

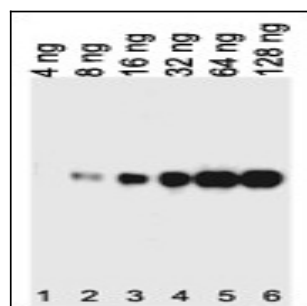


Figure 2: Western blot analysis of lysates from 12tag protein. This demonstrates the His tagged antibody (10-6504) detected the His tagged protein.