

## Anti- 6x-His Tag Monoclonal Antibody (P17D11)

Catalog Number: MBSAbHis017-100µg

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### Production Description:

Mouse anti 6x-Histidine tag antibody (P17D11) recognizes the motif H-H-H-H-H-H and is therefore of value in detecting proteins containing histidine tags.

### Host/Isotype:

Mouse/IgG2b

### Clonality:

Monoclonal antibody

### Immunogen:

A synthetic 6x-Histidine

### Clone Name:

AbHis.P17D11

### Conjugate:

unconjugated

### Purification:

Affinity purified by Protein A

### Form Supplied:

Liquid

### Concentration:

1mg/ml

### Storage buffer:

PBS, pH 7.4

### Storage Conditions:

Store at 4°C short term. For long term storage, aliquot and store at -20°C or below, avoiding multiple freeze/thaw cycles.

Applications	Dilution
ELISA	0.2 – 1 µg/mL*
Flow cytometry	0.5 – 2 µg/mL*
Western Blot (WB)	0.5 – 1 µg/mL*

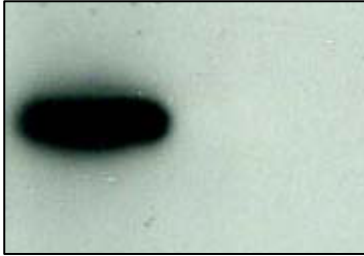
\*Optimal dilutions/concentrations should be determined by the researcher.

For research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals.

<http://mobioscience.com/p/mbsabhis017>

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(1) (2)

#### **Anti-6x-His Tag Antibody (MBSAbHis017) in WB**

Loading 5 $\mu$ g of per well onto an SDS-PAGE gel performed western blot analysis of recombinant Green Fluoresce Protein (GFP) fused His-tag purified from E. coli. Proteins were transferred to a nitrocellulose membrane and blocked with 5% milk in TBST for 1 hour at room temperature. The membrane was probed with a anti-6x-His Tag Antibody (Product # MBSAbHis017) at a dilution of 1:2000 overnight at 4C, washed 3 times in TBST, and probed with an HRP-conjugated rabbit anti-mouse IgG secondary antibody at a dilution of 1:10,000 for 1 hour at room temperature. Detection was performed using a chemiluminescent substrate. (1) GFP with His-tag. (2) GFP control.