

## His-Tag Monoclonal Antibody

catalog number: **E-AB-48003**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

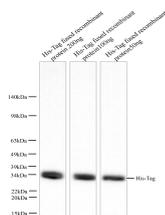
<b>Reactivity</b>	All
<b>Immunogen</b>	Synthetic peptide corresponding to 6His tag conjugated to keyhole limpet haemocyanin.
<b>Host</b>	Mouse
<b>Isotype</b>	IgG2a
<b>Clone</b>	1A5
<b>Purification</b>	Protein A/G Purification
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications

### Recommended Dilution

<b>WB</b>	1:1000-2000
<b>IP</b>	3µg/sample
<b>FCM</b>	0.2µg

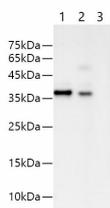
### Data



Western blot with Anti His-Tag Monoclonal Antibody at dilution of 1:1000. Lane 1:His-Tag fused recombinant protein 200ng,Lane 2:His-Tag fused recombinant protein 100ng,Lane 3:His-Tag fused recombinant protein 50ng.

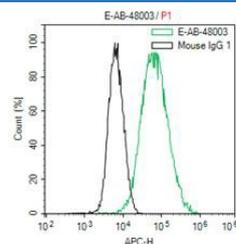
**Observed-MW:45 kDa**

**Calculated-MW:28-39 kDa**



IP Result of 293F cells transfected with His-Tag fusion protein,using anti-His-Tag mouse monoclonal antibody .

Lane 1:input, Lane 2: anti-His-Tag mouse monoclonal antibody, Lane 3: mouse IgG1 Isotype Control



1x10<sup>6</sup> CHO cells Transfected with a His plasmid were stained with 0.2ug Anti-His tag mAb(E-AB-48003) and AF647 conjugated Goat Anti-mouse IgG (H+L);Isotype Control stained with 0.2ug mouse IgG and AF647 conjugated Goat Anti-mouse IgG (H+L)

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

### For Research Use Only

## Background

The 6xHis tag, also known as polyhistidine tag, His6 tag and/or hexa histidine tag, is an amino acid motif consisting of at least 6 histidine residues fused to the carboxyl (C-) or amino (N-) terminus of a target protein in transfected cells. It is one of the simplest and most widely used purification tags in the world.

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