

## Avi-Tag Monoclonal Antibody

**catalog number: E-AB-48008**

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

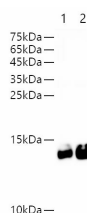
### Description

<b>Reactivity</b>	All
<b>Immunogen</b>	Synthetic peptide corresponding to AVI tag conjugated to keyhole limpet haemocyanin.
<b>Host</b>	Mouse
<b>Isotype</b>	IgG1
<b>Clone</b>	1A3
<b>Purification</b>	Protein A/G Purification
<b>Buffer</b>	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications Recommended Dilution

<b>WB</b>	1:3000-6000
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### Data



Western blot of AVI-Tag fused recombinant protein with Anti-AVI mouse monoclonal antibody at 1:1000 dilution.

Lane 1 : Recombinant AVI protein at 6.25ng; Lane 2 :  
Recombinant AVI protein at 12.5ng

**Observed-MW:14 kDa**

**Calculated-MW:14 kDa**

### 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.

### Background

Avi tag is a biotin-acceptor peptide, GLNDIFEAQKIEWHE. Biotinylation of the Avi-tag is enzymatically added by the E. coli biotin ligase BirA. This results in a single biotin molecule covalently attached to the lysine residue within the Avi-tag

### For Research Use Only