

Rev. V2.2



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# **Avi-Tag Monoclonal Antibody**

catalog number: E-AB-48008

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

#### Description

Reactivity All

Immunogen Synthetic peptide corresponding to AVI tag conjugated to keyhole limpet

haemocyanin.

 Host
 Mouse

 Isotype
 IgG1

 Clone
 1A3

Purification Protein A/G Purification

**Buffer** PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

## Applications Recommended Dilution

**WB** 1:3000-1:6000

#### **Data**

1 2
75kDa—
65kDa—
45kDa—
45kDa—
25kDa—
15kDa—

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**

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping 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 Avitag

### For Research Use Only

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