

## **Biotin Conjugated Antibody**

### **Summary:**

**Quantity size:** 0.1mL/1mL

**Storage:** Shipped at 4°C, Store at -20°C at least one year (Avoid repeated freeze/thaw cycles).

**Formulation:** Buffer=0.01M PBS (pH7.4), 0.03% Proclin300, 50% Glycerol and 1% BSA.

### **Background:**

Biotin conjugated antibody is a kind of immunochemistry reagents widely used in immunology, molecular biology and various branches of clinical medicine. Biotinylated antibodies are produced by covalently cross-linking activated biotin (BNHS) to IgG molecule. 1mL product includes about 0.2mg biotin and 2mg IgG.

### **Application:**

ELISA=1:1000-10000 Use TMB as a substrate (OD450nm) P/N=2.5~3.0 for positive.

WB=1:1000-10000

IHC =1:50-500

Not yet tested in other applications.

Dilution is subject to the product label. Optimal working dilutions must be determined by the end user.

### **Related literature:**

- [1] Lizhu Chen,Huifeng Wu,Jianmin Zhao,et al. The role of GST omega in metabolism and detoxification of arsenic in clam *Ruditapes philippinarum*. *Aquatic Toxicology*. August 2018. (IF 3.794)
- [2] Jin Ma,Jun Zhang,Yuanchi Weng,et al. EZH2-Mediated microRNA-139-5p Regulates Epithelial-Mesenchymal Transition and Lymph Node Metastasis of Pancreatic Cancer. *Molecules and cells*. September 2018. (IF 3.533)
- [3] An Wei,Hao Feng,Xiaomin Jia,et al. Ozone therapy ameliorates inflammation and endometrial injury in rats with pelvic inflammatory disease. *International Immunopharmacology*. 2018. (IF 3.743)
- [4] Fangzhou Chen,Ying Zhao,Huizhao Chen. MicroRNA-98 reduces amyloid  $\beta$ -protein production and improves oxidative stress and mitochondrial dysfunction through the Notch signaling pathway via HEY2 in Alzheimer's disease mice. *International Journal of Molecular Medicine*. October 2018. (IF 2.928)

**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.