

## 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 products:

SP034 rabbit IgG immunoglobulin antigen

SPA131 Goat anti-mouse IgG (purified)

SA134 Goat anti-rabbit IgG (immune serum)

SF134 Goat anti-rabbit IgG-FITC

SE237 Rabbit anti-pig IgG-HRP

### Related literature:

- [1] Yueshang Wang,,Xinpeng Li,Shiwen Pu,Xiao Wang,Lanping Guo,et al. Ameliorative Effects of Arctigenin on Pulmonary Fibrosis Induced by Bleomycin via the Antioxidant Activity. July 2022. (IF 7.31)
- [2] Huidan Dong,Tao Xue,Yanjuan Liu,Shan He,et al. Low Molecular Weight Fucoidan Inhibits Pulmonary Fibrosis In Vivo and In Vitro via Antioxidant Activity. March 2022. (IF 6.543)
- [3] Daqian Dong, Jinmeng Yang, Yining Chen, Guofan Peng,et al. Palmitoylated GLB1L4 transfers via exosomes to maintain sperm function in rat epididymis. February 2021. (IF3.906)
- [4] Shilin Xiao, Qianyu Wang, Huibin Gao,et al.Dexmedetomidine alleviates airway hyperresponsiveness and allergic airway inflammation through the TLR4/NF- κ B signaling pathway in mice January 2021. (IF2.952)

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