# HRP Conjugated Antibody

## Summary:

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

**Storage:**Shipped at 4°C, Store at -20°C at least one year; Store at 4°C for about 3-6 months; After dilution, it can be stored at 4°C for about 30 days. The diluent is PBST (pH 7.4). (Avoid repeated freeze/thaw cycles).

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

## Background:

HRP conjugated antibody is a kind of immunochemistry reagents widely used in immunology, molecular biology and various branches of clinical medicine. The company prepared a variety of HRP conjugated antibody based on modified sodium periodate oxidation method. 1mL product includes about 1.5-2.5mg HRP and 3-5mg 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.

## Important Note:

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

1. The coated antibody or antigen is uncomfortable, and it is easy to produce small positive values, or produce mutations, that is, tube skipping.

2. Coating with antiserum that is not purified or the degree of purification is too low, the positive value is small, or there is no positive gradient.

3. Poor sealing or over-concentration of markers can produce higher control values.

## Related products:

A1820 HRP-labeled antibody diluent

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

SF137 Goat anti-pig IgG-FITC

SR131 Goat anti-mouse IgG-RBITC

**Related literatures:**

[1] Xuan Li, Yuan Ma, Yu Xue,et al.High-Throughput and Efficient Intracellular Delivery Method via a Vibration-Assisted Nanoneedle/Microfluidic Composite System. December 2022. (IF 18.027)

[2] Aiping Wang, Yuanyuan Tian, Hongliang Liu,et al. Identification of three conserved linear B cell epitopes on the SARS-CoV-2 spike protein.August 2022. (IF 19.568)

[3] Yu Zhenyuan, Lv Yufang, Su Cheng,et al. Integrative Single-Cell Analysis Reveals Transcriptional and Epigenetic Regulatory Features of Clear Cell Renal Cell Carcinoma. March 2023. (IF 11.2)

[4] Yunqi Pan, Meiyu Shao, Pan Li,et al. Polyaminoglycoside-mediated cell reprogramming system for the treatment of diabetes mellitus. January 2022. (IF 9.776)

**Note: For more literatures using this product, please refer to the official website of Solarbio.**