

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:

AC10041 HRP-labeled antibody diluent

AC63318 Rabbit IgG immunoglobulin antigen

AC63334 Goat anti-mouse IgG (purified)

AC63205 Goat anti-rabbit IgG (immune serum)

AC63282 Goat anti-rabbit IgG-FITC

AC63255 Rabbit anti-pig IgG-HRP

AC63284 Goat anti-pig IgG-FITC

AC63366 Goat anti-mouse IgG-RBITC

Related literatures:

- [1] Siming Lu, Jing Jiang, Liguang Liang, et al. Development of a biomimetic liver tumor-on-a-chip model based on decellularized liver matrix for toxicity testing. *Lab on a Chip*. September 2018. (IF 6.914)
- [2] Aiyan Guan, Kalin Mei, Mingchun Lv, et al. The effect of electron beam irradiation on IgG binding capacity and conformation of tropomyosin in shrimp. *Food Chemistry*. October 2018. (IF 5.399)
- [3] Xiawa Mao, Jiaquan Xiao, Zhongyi Li, et al. Effects of microRNA-135a on the epithelial-mesenchymal transition, migration and invasion of bladder cancer cells by targeting GSK3 β through the Wnt/ β -catenin signaling pathway. *Experimental & Molecular Medicine* volume. January 2018. (IF 4.743)
- [4] Yashu Li, Yangping Wang, Lina Zhou, et al. V γ 4 T Cells Inhibit the Pro-healing Functions of Dendritic Epidermal T Cells to Delay Skin Wound Closure Through IL-17A. *Frontiers in Immunology*. February 2018. (IF 4.716)
- [5] Dongmei Wu, Yutong Zhang, Jun Lu, et al. Effects of microRNA-129 and its target gene c-Fos on proliferation and apoptosis of hippocampal neurons in rats with epilepsy via the MAPK signaling pathway. *Journal of Cellular Physiology*. November 2017. (IF 4.522)

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