

Immunostain Signal Enhancer – Nanograde

Cat#: A1003 100 ml

Storage: 2~8°C for one year.

A1004 500 ml

INTRODUCTION

Immunostain Signal Enhancer – Nanograde (abbrev. for Immunostain Enhancer) is a protein-free, chemical-defined, Nano grade, one-reagent system for enhancing desired antigen-antibody interactions while reducing nonspecific background signal. This reagent is designed for Immunofluorescence (IF), immunohistochemistry (IHC) and Immunocytochemistry (ICC) experiments. Without blocking step, simply dilute 1st and 2nd antibodies in Immunostain Enhancer, no requiring any additional steps, and therefore Immunostain Enhancer is an ideal reagent for enhancing signal and reducing background in all immunostain experiments.

CHARACTERISTICS

1. NO need blocking step

No need the blocking step and directly incubate membrane in 1st antibody which is diluted with Immunostain Enhancer.

2. Enhance specific signal while reducing background

Immunostain Enhancer strengthens the specific antigen-antibody reaction, while reducing background.

3. Ready to use

Immunostain Enhancer is formulated as ready-to-use, no diluting necessary. Simply replace your antibody dilution buffer with Immunostain Enhancer.

PROTOCOL

1. After permeabilization, incubate samples in the diluted 1st antibody in Immunostain Enhancer in a humidified chamber for 1 h at room temperature.
2. Remove the solution and wash the membrane with PBST/TBST for three times.
3. Dilute the 2nd antibody with Immunostain Enhancer and incubate the membrane at room temperature for 1 hour.
4. Remove the solution and wash the membrane with PBST/TBST for three times.
5. Add a drop of mounting medium and mount sample with coverslip.
6. Store samples in 4 or -20°C .

PRODUCT USE LIMITATION

These products are intended for research use only.