PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.

Super Vision TRITC Immunofluorescence (IF) Detection System kit (Mouse anti-Goat)

Cat No.: BD5007

Introduction

Super Vision TRITC Immunofluorescence (IF) Detection System is a non-biotin, one-step detection system that allows for the demonstration of antigens in paraffin-embedded tissue, cryostat sections, and cell preparations. This kit has been developed using a proprietary hyper labeling technology used to label IgG directly with more fluorescein isothiocyanate (TRITC). One step polymer system provides increased sensitivity, time savings and detection simplicity. All the components contain with PBS, proteins, stabilizers and preservatives. This kit is suitable for single, double and triple immunofluorescence detect. The color is red with a correct result. The TRITC is easily faded with light; all experiment process need keep away from light.

Reagents

A:Blocking Reagent	10ml
B:Antibody Solution Buffer	10ml
C:Anti-Goat IgG-TRITC	50ul
D:Anti-Fading Buffer	10ml

Application

Super Vision TRITC IF kit (Mouse anti-Goat) is suitable for use with goat primary antibodies. It can apply for paraffin-embedded tissue and cryostat sections.

Storage & Shelf life

Store at 2-8℃. Each component is stable for up to 12 Months.

Procedure

1.Deparaffinize and rehydrate tissue section;PBS/TBS wash for 2 min*3;

2.Incubate tissue in appropriate pretreatment or digestive enzyme if required for primary antibody; and PBS/TBS wash for 2 min*3;

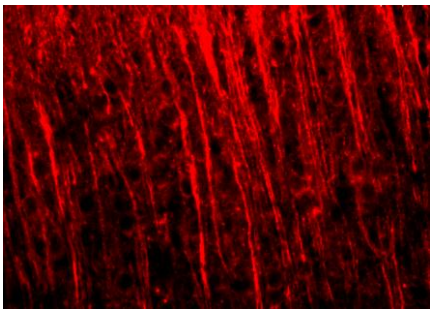
3.Apply Blocking Reagent and incubate for 5 minutes, PBS/TBS wash for 2 min*3 (May be omitted if primary antibodies are diluted in buffers containing normal mouse serum) ;

4.Apply primary antibody and incubate according to manufacturer's recommended protocol,PBS/TBS wash for 2 min*3;

5.Add 5ul-10ul Anti-Goat IgG-TRITC to 1ml Antibody Solution Buffer and vibrate; then add that antibody solution to the sections and incubate for 30-60 min in room temperature or 37℃; PBS/TBS wash for 2 min*3.(NOTE: TRITC is light sensitive. Please avoid unnecessary light exposure.)

6. Apply the Anti-Fading Buffer, and cover the microscope cover glass for observation. (NOTE: It's better for observation and operation when the section is dried in no dark box before adding anti-fading buffer).

DATA



BD5007: IF image of MAP-2 (Goat) staining in mouse brain frozen section formalin fixed tissue section. The section was then incubated with MAP-2, 2.5 μ g/ml, for 12 hour 4℃ and detected using BD5007. The section was mounted with Anti-fading Buffer (BD5014).

Research Use

For research use only, not for use in diagnostic procedures.

MADE IN CHINA

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