

## Immunofluorescence Staining Secondary Antibody Dilution Solution

### Introduction

Immunofluorescence Staining Secondary Antibody Dilution Buffer is used for diluting fluorescence-labeled secondary antibodies in immunofluorescence staining. Fluorescence-labeled secondary antibodies diluted with this buffer can be stored and used at 4°C for at least six months and can be reused multiple times for immunofluorescence staining, saving your valuable antibodies.

The main active components of this product include an optimally balanced amount of BSA, appropriate detergents, and secondary antibody stabilizers. These ingredients effectively reduce non-specific binding of the secondary antibody while extending the stable storage life of the diluted secondary antibody.

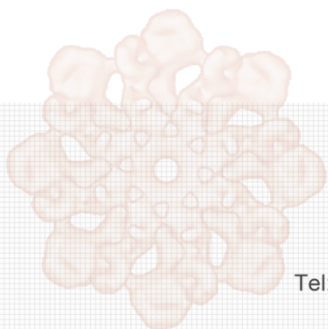
Based on a dilution volume of 10 mL per secondary antibody, one 100 mL package of this dilution buffer can be used to dilute 10 secondary antibodies (or for 10 separate dilution uses).

### Protocol

Refer to the instructions for the fluorescence-labeled secondary antibody being used, as well as the quality of the primary antibody and the target protein content in the sample. Dilute the secondary antibody at an appropriate ratio, such as 1:1000, 1:500, etc. Once diluted, the fluorescence-labeled secondary antibody is ready for direct use in immunofluorescence staining. After one immunofluorescence staining run, the diluted secondary antibody can be recovered and stored at 4°C for use in subsequent immunofluorescence staining runs.

### Note

1. To enable repeated use of the antibody, it is recommended to perform the fluorescence-labeled secondary antibody binding reaction at 4°C to slow down the degradation of the fluorescence-labeled secondary antibody.
2. Storage conditions: Store at 4°C; stable for one year. For long-term storage when not in frequent use, can be stored at -20°C.
3. This product is for scientific use only.



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