

## SwiftBlock™ Immunol Staining Primary Antibody Dilution Solution (Fast)

### Introduction

SwiftBlock™ Immunol Staining Primary Antibody Dilution Solution (Fast) is a next-generation, rapid and efficient primary antibody dilution buffer. This product contains no serum, albumin, or biotin, but includes preservatives that do not affect HRP or AP activity. It is suitable for diluting and preparing primary antibodies for immunostaining applications such as Immunofluorescence (IF), Immunohistochemistry (IHC), and Immunocytochemistry (IC).

The overall performance of this product is significantly superior to traditional primary antibody diluents based on BSA (bovine serum albumin), non-fat dry milk, or similar reagents. Primary antibodies diluted and prepared with this solution can be stored and used at 4°C for at least one month and can be reused multiple times for immunostaining experiments, effectively conserving primary antibody usage. After incubation with diluted primary antibodies, the signal-to-noise ratio is high, and the background is extremely low. This product is compatible with horseradish peroxidase (HRP), alkaline phosphatase (AP), and biotin-labeled secondary antibodies. It is convenient to use, requiring no additional reagents, and can be directly applied for primary antibody dilution.

### Protocol

Dilute the primary antibody according to the manufacturer's instructions and the target protein content in the sample, e.g., 1:1000, 1:500, etc. The diluted primary antibody can be recovered and stored at 4°C for use in subsequent immunostaining experiments.

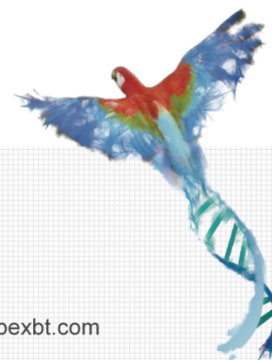
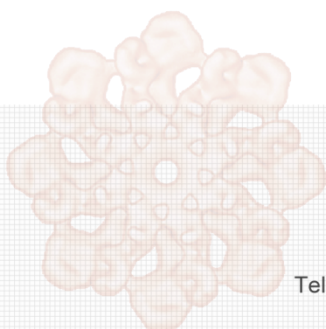
**\*Note:** To further improve the signal-to-noise ratio, it is recommended to use SwiftBlock™ Blocking Buffer for Immunol Staining (Fast) (K4130) and SwiftBlock™ Immunohistochemistry Secondary Antibody Dilution Solution (Fast) (K4664) for immunostaining blocking and secondary antibody dilution, respectively.

### Note

1. Storage and transportation conditions: 4°C storage, valid for one year; It can be stored at -20°C if not used for a long time. Blue Ice Transport.
2. Related product recommendations are as follows:

Catalog No.	Product Name	Size
K4122	SwiftBlock™ Blocking Buffer (PBS, Fast)	100 mL/500 mL
K4123	SwiftBlock™ Blocking Buffer (PBSTw, Fast)	100 mL/500 mL
K4124	SwiftBlock™ Blocking Buffer (PBSTx, Fast)	100 mL/500 mL
K4125	SwiftBlock™ Blocking Buffer (TBS, Fast)	100 mL/500 mL
K4126	SwiftBlock™ Blocking Buffer (TBSTw, Fast)	100 mL/500 mL
K4127	SwiftBlock™ Blocking Buffer (TBSTx, Fast)	100 mL/500 mL
K4128	SwiftBlock™ Blocking Buffer (10X, Fast)	100 mL/500 mL
K4129	SwiftBlock™ Blocking Buffer for Western Blot (Fast)	100 mL/500 mL
K4130	SwiftBlock™ Blocking Buffer for Immunol Staining (Fast)	100 mL/500 mL
K4140	Primary Antibody Dilution Buffer for Western Blot (Fast)	100 mL/500 mL
K4662	Western Secondary Antibody Dilution Solution (Fast)	100 mL/500 mL
K4663	Immunol Staining Primary Antibody Dilution Solution (Fast)	100 mL/500 mL
K4664	Immunohistochemistry Secondary Antibody Dilution Solution (Fast)	100 mL/500 mL

3. This product is for scientific research use only.



**APEX BIO Technology**

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