

## Immunohistochemistry Antibody Diluent

Cat. No: E-IR-R605

Size: 100 mL

### Product Information

Cat.	Product	Size	Storage
E-IR-R605	Immunohistochemistry Antibody Diluent	100 mL	2~8 °C

### Introduction

This product is a ready-to-use special buffer solution for immunohistochemistry antibody dilution. Formulated with an optimized buffer system and low-background blocking formula, it is applicable for the dilution of various primary and secondary antibodies in immunohistochemistry (IHC). The product contains an antibody stabilizer that maintains antibody activity and stability, reduces specific binding, decreases non-specific background staining, and enhances experimental specificity and sensitivity. Under the optimized experimental conditions, the antibodies were diluted to the optimal concentration using an antibody diluent.

### Operating Procedures

1. Equilibrate the diluent to room temperature, refer to the instructions for the antibodies used and the concentration of the target protein in the sample to dilute the antibodies at appropriate ratios (e.g., 1:50, 1:100, etc.; specific dilution factors should be followed within the range specified in the instructions).
2. Mix gently by inverting the tube. Do not vortex vigorously to avoid antibody denaturation and bubble generation.
3. After dewaxing, antigen retrieval and blocking of tissue sections, drop the prepared antibody working solution onto the sections.
4. Incubate at room temperature or 37°C, followed by washing, color development, counterstaining and mounting in accordance with standard IHC protocols.

### Storage

Store at 2~8°C. Valid for 12 months.

### Notice

1. This product is for professional use only.
2. Implement appropriate protective measures to prevent contact between the reagent and skin or eyes.
3. Discontinue use immediately if the liquid becomes turbid, precipitated, mildewed or discolored.
4. Dispose of experimental waste liquid and consumables in accordance with laboratory biosafety management regulations.

### For Research Use Only