



YamayBio

# Antibody Diluent

QUICK START GUIDE

For research use only.  
Not for use in diagnostic procedures.

# Contents and storage

Antibody Diluent

BM3153 100 mL

BM3153 500 mL

**Storage:** Store at 4 °C for 12 months. The product is shipped at room temperature.

## Introduction

Antibody Dilution Buffer is a versatile antibody dilution buffer containing multiple stabilizing agents. It is designed to enhance antibody activity and stability, reduce non-specific binding, and improve the specificity and sensitivity of immunoassays.

## Applications

This buffer is suitable for diluting both primary and secondary antibodies and is compatible with Western blotting (WB), immunohistochemistry (IHC), immunofluorescence (IF), and related applications.

## Quick Start Protocol

1. Calculate the required volumes of antibody and Antibody Diluent based on the desired dilution ratio. The final volume should be sufficient to completely cover the membrane in the incubation box. Typically, 5–10 mL of dilution buffer is recommended.
2. Transfer the calculated volume of Antibody Diluent into a 15 mL or 50 mL centrifuge tube, depending on the total volume required. Add the corresponding volume of antibody to the buffer.
3. Close the cap tightly and gently invert, tip, and swirl the tube several times to mix.
4. Carefully pour the prepared antibody solution into the incubation box, ensuring that the membrane is fully covered.