

**Product No. 06349**

# Blocking One Histo

Blocking One Histo is a blocking buffer to prevent nonspecific binding of antibodies in immunohistochemistry (IHC).

## Features

- Ready to use.
- Easy to use with eye-drop bottle.
- The preservative in this product does not affect the activity of alkaline phosphatase or horseradish peroxidase. (No sodium azide.)
- Can be used for immunofluorescence staining.
- Can be used as a dilution buffer.

## Composition

Protein from bovine, polymer, preservative, and buffer

## Preparation of the blocking solution

### Non-specific staining blocking solution for immunohistochemistry

Use Blocking One Histo as it is.

### Dilution buffer of antibodies

Mix 950µl PBS or TBS containing 0.1 % Tween<sup>®</sup>20 (tPBS or tTBS) with 50 µl Blocking One Histo in a clean 1.5 ml microtube. (Ratio: tPBS or tTBS : Blocking One Histo = 19 : 1)

## Protocol

### Blocking non-specific binding in IHC

Cover a tissue section on a slide glass with enough drops of this product. Incubate tissue section at room temperature for 5-10 minutes. Tap off blocking solution and wash slide glass with tPBS or tTBS for 5 minutes before application of primary antibody.

### Diluting antibody

Add predetermined quantity of antibody into the diluted blocking buffer. Shake gently not to generate foam. Use immediately. Do not store diluted antibody solution because activity of enzyme labeled antibody after dilution may decrease over time.

## Caution

- Cross-reaction may occur in Avidin-Biotin detection.
- Blocking One Histo contains purified protein ingredient. In rare cases cross-reaction with antibody may occur. Use Blocking One Histo after confirmation of no cross-reaction.
- Approx. 40µl per one drop

## Storage

Refrigerator

## Expiration

One year from manufacturing. Expiration date is stated on the product label (Exp. yy / mm).

## Packing

50ml (Product No.06349-64)