

## Western Blocking Buffer, 100 mL

### Catalogue Information

Catalogue No.	Product Name	Pack Size
WS BL535A	Western Blocking Buffer, 100 mL	100 mL

### Product Description

In Western blot experiments, blocking is a crucial step performed before primary antibody incubation to prevent non-specific adsorption of protein components (such as antibody IgG) from the detection system onto the membrane surface. This process ensures clear experimental results and reduces background noise.

This Western Blocking Buffer is BSA-based and formulated with unique additives to achieve rapid and effective blocking of unoccupied membrane binding sites. It minimizes non-specific binding, lowers background, and is suitable for various types of membranes. The buffer also includes protein stabilizers to ensure consistent blocking performance and reproducibility.

### Usage Instructions

1. This product is ready to use; no dilution required
2. After the target protein has been transferred, place the membrane into a suitable container and add enough Western Blocking Buffer to fully cover the membrane.
3. Incubate at room temperature for 30 minutes to 2 hours, or at 4 °C overnight if necessary
4. After blocking, discard the buffer and continue with the subsequent Western blot procedure

### Note:

1. Contains trace bovine IgG, which may cross-react with goat or sheep-derived antibodies. Not recommended for use with goat-derived primary antibodies or anti-goat secondary antibodies.
2. Suitable for Streptavidin/biotin systems and alkaline phosphatase (AP) substrate detection systems.
3. Does not contain sodium azide; compatible with HRP-conjugated antibodies.
4. For research use only by trained professionals. Not for clinical diagnosis, therapy, food, or pharmaceutical use.
5. Wear lab coat and disposable gloves when handling.

### Storage Conditions

Store at 2–8 °C for up to 7 days. For long-term storage, keep at –20 °C. Stable for one year when stored as recommended.

### Notice

For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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