WB / Antibody Stripping Buffer (Alkalescent)

Catalog# BWR1063

Size: 250 ml

Lot # Check on the product label

Introduction

WB Stripping Buffer is used for the recycle of deproteinized membrane in WB. In WB, after completing the conjugation of the primary and secondary antibodies as well as the later chemiluminescence, sometimes end user has to detect the proteins with stable expression level like Actin and Tubulin, etc. for reference, or test other proteins for comparison. But for this reagent, through dissociating the conjugation of primary, secondary antibodies and antigens, it removes primary and secondary antibodies from the membrane, then end user can reuse the same membrane to detect other proteins. Thus, compare with running a fresh SDS-PAGE gel, this reagent helps to eliminate the loading error and makes the experiment more comparable and accurate.

For excluding the frequently-used β-Mercaptoethanol, this reagent is nontoxic, tasteless and harmless, can be used at room temperature. This reagent is enough for at least 5 times WB detections on the same membrane, and the whole detection can be completed within15-30 min.

With the unique component, it is efficient, and has no harm to the proteins.

Kit Components

Components	Size	Storage Instruction
Antibody Stripping Buffer (Alkalescent)	125 ml × 2	Store at 4℃ for 1 year, or at -20℃ for long time.

Protocol

1. Wash membrane with distilled water for 3 times, 5 min each. Discard the distilled water and immerse it into appropriate volume of Antibody Stripping Buffer, incubate at room temperature for 10 min and shake slowly. (Note: prolong the wash time to 30-60 min for some special antibodies).
2. Take out membrane with tweezer. Rinse with TBS-T for 3-4 times, 3-5 min each on shaker.
3. Block with 5% skimmed milk, proceed to the next step.

Notes

1. For horseradish peroxidase system (HRP), 5% skimmed milk should be used as the blocking buffer for each blocking, and for alkaline phosphatase system (AP), casein should be used for each blocking.
2. This product will turn to buff or light pink when store at 4℃ or -20℃, will change to colorless once put at RT for a while, but will get buff or light pink again when store at 4℃ or -20℃, after verifying, this does not affect the product quality.
3. This Antibody stripping buffer only work on PVDF membrane. The protein transferred to the membrane will has a large loss when use NC membrane.
4. This buffer can work for WB assay by using ECL or the similar chemiluminescence reagents, but not work for non-chemiluminescence reagents, such as DAB, NBT/BCIP.
5. It has slight corrosivity, please wear the lab coat and disposable gloves to operate.