

## PRODUCT INFORMATION

**BlueClear SB** for antibody stripping

Cat. no. 42599

### Product Description

**BlueClear SB** is a ready-to-use buffer for efficient removal/stripping of high affinity antibodies from Western blot membranes after chemiluminescence detection.

#### General

The stripping efficiency can be increased by incubation in heated buffer, especially for antibodies that are difficult to remove. After washing in PBS-Tween or TBS-Tween, the membrane may be blocked and probed again.

#### Features

- Fast, simple and highly efficient
- Gentle
- Without  $\beta$ -mercaptoethanol ( $\beta$ -ME) or DTT
- Suitable for nitrocellulose (NC) and PVDF membranes
- Compatible with phosphate buffered (PBS/PBS-Tween) and Tris buffered solutions (TBS/TBS-Tween)

#### Important

Not suitable for removing chromogenic precipitates.

Repeated stripping may decrease the membrane-bound proteins and increase the background.

#### Application - regardless of the antibody conjugation

- 30 – 60 min incubation at room temperature with shaking

Alternative protocol for antibodies that are difficult to remove:

- Heat BlueClear SB to 55 °C and pour the solution onto the blotting membrane
- 30 – 60 min incubation at 55 °C, shake occasionally

After stripping, wash the membrane 3 times with PBS-Tween or TBS-Tween. The antibody incubation can be carried out as usual after blocking. Alternatively, the membrane can also be stored briefly at +2 °C to +8 °C.

#### Note

Time and temperature required for complete stripping depends on the antibody/epitope pair.