

Technical Bulletin

Western blot blocking buffer (Cat: VB208068)

Sizes: 500 mL (1x)
Storage: Stored at 2-8°C

Research use only, not for diagnostic use.

Description:

Ready-to-use 1x western blot blocking buffer contains a combination of various blockers (biotin-free proteins), detergents and enhancers that effectively block the unoccupied binding sites or unreacted sites and enhance the specific bindings during western blotting.

Benefits and features:

- Protein-free, no biotin and no serum blockers, compatible with most immuno-detection systems (AP, HRP, avidin- biotin or other fluorescence probe/bead systems)
- All-in-one ready-to-use blocking buffer is able to minimize the nonspecific interactions and interference, easy to optimize the assay conditions.

Protocol:

1. Prepare enough amount of western blot blocking buffer (10-15mL for a mini-gel membrane (8x10cm)) in a plastic container.
2. Transfer membrane into the container and incubate for 30-60 minutes at room temperature with gentle shaking.
3. Wash membrane with 1x TBST/PBST twice for 2 minutes to remove the blocking buffer.
4. Incubate membrane in the primary (1st) antibody for 40-60 minutes at room temperature or overnight at 2-8°C with gentle shaking.
5. Wash membrane twice with 1x PBST/TBST for 2 minutes.
6. Continue the secondary (2nd) antibody (HRP/AP conjugated) steps and detected by chemiluminescence substrates.

Precautions and Disclaimer: This product and procedure described are intended for R&D use only. Purchase of this product does not convey a license to perform any patented process.