

Product Description

5× Rapid Blocking Buffer is developed for rapid and efficient blocking of transfer membranes. This protein-free formulation blocks only the membrane and does not mask antigenic epitopes on sample proteins, thereby improving the efficiency of specific antibody binding. Compared with conventional blocking methods based on skim milk or BSA, this product effectively reduces non-specific antibody binding and background interference, helping deliver clearer target signals and a higher signal-to-noise ratio. It does not contain endogenous phosphoproteins or biotin, avoiding interference with phospho-specific antibody binding and biotin-based detection workflows while supporting accurate results. This product is broadly applicable to phospho-antibody assays and biotin detection systems. Efficient and convenient membrane blocking can be completed within 5-15 min. This product is supplied as a 5× concentrate and should be diluted to a 1× working solution before use.

Components

Components	BR4D441-01
5× Rapid Blocking Buffer	100 mL

Storage

Store at 2-8°C.

Notes

1. For Research Use Only. Not for use in diagnostic procedures.
2. Blocking reagents have limited compatibility with different antigen and antibody detection systems. If the blocking solution prepared with this product is found to be incompatible with the target antigen or antibody in your assay, replace it with another blocking reagent such as BSA or skim milk.
3. For your safety and health, please wear a lab coat and disposable gloves when operating.