

**Product Information:****All-in-one blocking, binding and washing buffer (Cat: B208062)**

**Catalog:** B208062-T (TBS-based), sterile, B208062-P (PBS-based), sterile. pH7.5

**Size:** 500 mL                      Stored at 2-8°C                      *Research use only, not for diagnostic use.*

**Description:**

Ready-to-use blocking, binding and washing buffer contains a combination of various blockers (protein-free), detergents and enhancers that effectively block the unoccupied binding sites or unreacted sites and enhance the specific bindings during western blotting, ELISA, southern blotting, IP, array and other immunodetection system, able to improve the signal-to noise ratio by reducing the background and non-specific interference, ideal uses for antibody/antigen dilution, blocking, washing or protein/peptide/DNA purification.

**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 sterile buffer is able to minimize the nonspecific interactions and interference, easy to optimize the assay conditions.

**Tech Tips:** The PBS-based buffer would interfere with alkaline phosphatase and should not be used for the AP-conjugated detection systems.

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**Size:** 500 mL                      Stored at 2-8°C                      *Research use only, not for diagnostic use.*

**Description:**

Ready-to-use blocking, binding and washing 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, ELISA, southern blotting, IP, array and other immunodetection system, able to improve the signal-to noise ratio by reducing the background and non-specific interference, ideal uses for antibody/antigen dilution, blocking, washing or protein/peptide/DNA purification.

**Western blot blocking buffer (Cat: B208060)**

**Catalog:** B208060 (Powder)

**Size:** 50g                              Stored at 2-8°C                              *Research use only, not for diagnostic use.*

**Description:**

Western blot blocking buffer contains a combination of various blockers (nonfat dry milk / proteins), and enhancers that effectively block the unoccupied binding sites or unreacted sites during western blotting, ELISA, or IP procedure to improve the signal-to noise ratio by reducing the background and non-specific interference.

**Protocol:** (prepare the working solution for blocking or antibody/antigen diluents)

1. Shake the blockers for several times to ensure even distribution of components
2. Dissolve 0.5-2% (w/v) blockers in 1x PBST/TBST, pH7.5, working for most immuno-detection assays.
  - \* Shake and stir until all components are fully dissolved prior to use.
  - \* 0.1-0.5% Tween-20 is suitable for most blotting applications.
  - \* Stored the working solution at 2-8 °C, but should be used within 24 hours.
  - \*The working solution contains biotin and should not be used for the avidin-biotin systems.

**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.  
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