



# IHC Wash Buffer

## For research use only

Catalogue number: BI-1405

### Product Description

Phosphate Buffered Saline solution with the detergent Tween® 20 (PBST) is commonly used as a wash solution for Western blot membranes, immunohistochemistry (IHC), and microtiter plate wells in ELISA assays. The Phosphate Buffered Saline with Tween® 20 is an optimal formulation of pH stabilizers, salts, and detergents designed to effectively remove excess material from membranes and microtiter plate wells without disrupting the antigen/antibody binding reaction. The IHC wash buffer is specifically designed to remove such loosely bound antibodies effectively and efficiently and to provide a cleaner background staining.

By maintaining the proper buffering environment, unbound components can be washed away without suppressing antigen-antibody binding interactions, thereby reducing nonspecific background, and increasing the specific signal.

### Specification

- **pH Range:** 6.7 - 7.8
- **Concentration:** 1 X
- **Classification:** Animal Origin-Free

### Contents & storage

- **Storage conditions:** Room Temperature (RT)
- **Shipment:** RT
- **Shelf life:** 12 months

### References

1. Taylor CR, Cote RJ. Immunomicroscopy: A Diagnostic Tool for the Surgical Pathologist. 3rd Ed. Philadelphia: Saunders Elsevier, 2006.
2. Dabbs DJ. Diagnostic Immunohistochemistry: Theranostic and Genomic Applications. 3rd Ed. Philadelphia: Saunders Elsevier, 2010.
3. Clinical and Laboratory Standards Institute (CLSI). Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline-Fourth Edition (M29-A4) Wayne, PA 2014.