

PBS-Triton Solution

Storage: Store at 2-8°C, 1 year.

Introduction:

PBS-Triton Solution mainly consists of 1 × PBS and Triton X-100, which can be used for permeabilisation of cell samples, frozen or paraffin sections for immunostaining and other in situ assays, which can help to expose the targets of antigens, nucleic acids, etc., and make it easier for antibodies, probes or markers to enter into the cells, thus ensuring the detection effect of staining and other assays. It is recommended for the permeabilisation of cells for routine immunofluorescence, immunohistochemistry, immunocytochemistry and flow assays.

Cat No.	Product
IP9330	PBS-0.05%Triton Solution
IP9331	PBS-0.1%Triton Solution
IP9332	PBS-0.3%Triton Solution
IP9333	PBS-0.5%Triton Solution

Protocols (only for reference)

1. For slicing, after fixation and washing, drop 50-100 μ L of PBS-Triton Solution per sample, or completely immerse it in a staining tank for permeabilization.
2. For cell samples, after fixation and washing, add 1 milliliter of PBS-Triton Solution to each well of a six well plate, and refer to this ratio for other porous plates.
3. For other samples, the amount of PBS-Triton Solution added should be sufficient to cover the sample.
4. Usually, incubation in PBS-Triton Solution at room temperature for 5-10 minutes can complete the permeation. For samples that are difficult to penetrate or require particularly sufficient permeability, they can be incubated at room temperature for 10-30 minutes.

Note:

1. For situations where the transparency requirement is not high, PBS-0.05% Triton solution (IP9330) can be used.
2. For situations with high transparency requirements, PBS-0.3% Triton solution (IP9332) or PBS-0.5% Triton solution (IP9333) can be used.
3. Please use the reagent as soon as possible after opening to avoid affecting the subsequent experimental results.
4. For your safety and health, please wear a laboratory coat and use disposable gloves when operating.
5. This reagent is for research use only and is not intended for clinical diagnosis or other purposes.
6. This product is a ready to use working fluid that can be used directly without dilution.
7. If you need customized products, please contact us.