

For Research Use Only

RBC Lysis Buffer (10X)

Catalog Number: PF00014



Product Information

Proteintech's RBC Lysis Buffer (10X) is suitable for lysing red blood cells following immunofluorescent staining of whole blood with fluorescently labelled antibodies prior to flow cytometry analysis, with minimal damage to white blood cells. This buffer is supplied as a 10× concentrate and must be diluted to 1× with deionised water before use.

This product is suitable for lysing red blood cells from human, rabbit, mouse, and rat samples. It has not been tested on other species.

This product is for research use only and must not be used in humans or animals.

Components

The primary active ingredient in this lysis buffer is ammonium chloride. It does not contain azide compounds.

Package

100 mL

Storage

Store sealed at 4°C. Valid for one year.

Notes

1. The 1× working solution must be prepared freshly before use.
2. Blood samples exhibit considerable inter-individual variation, potentially leading to slight variations in lysis time. If whole blood exhibits a high red blood cell content, it may be diluted with an appropriate volume of PBS.
3. Following antibody incubation, red blood cells may settle at the bottom. Failure to mix thoroughly may result in incomplete lysis.
4. Lysis protocols may be adjusted as required, either by modifying the working solution volume or altering the lysis time.
5. Assess lysis efficacy visually. A cloudy appearance or abnormal light scatter histogram may indicate incomplete lysis.

For technical support and original validation data for this product please contact

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