

Primary Antibody Diluent: DR0246-100ML, DR0246-500ml

Intended Use: For Research Use Only. This Primary Antibody Diluent is intended for use in peroxidase-based immunohistochemistry (IHC) staining protocols on formalin-fixed, paraffin embedded tissue (FFPE) sections. Non-Sterile. Do not use if reagents become cloudy.

Package:

Description	Catalog No.	Size
Primary Antibody Diluent	DR0246-100ML	100ml
Primary Antibody Diluent	DR0246-500ML	500ml

Reagents Supplied: One bottle of Primary Antibody Diluent 100ml or 500ml

Storage and Stability: Store at 2°- 8°C. Do not freeze. All performance claims are void after the kit expiration date.

Description: Primary Antibody Diluent (Phosphate Buffered pH7.4) is formulated for the dilution of all primary antibodies and for use as a negative control for immunohistochemistry. The diluent contains preservative to prevent microbial growth and carrier protein to minimize proteolytic enzyme degradation, a wetting agent to reduce surface tension and minimize loss of the diluted antibody due to adsorption to the sides of dispensers and containers. Diluent is subjected to 0.2 micron filtration.

1. Primary Antibody Diluent is a ready-to-use solution. Dilutions are given as the ratio of concentrated volume to final volume (1:100 means 1 part of concentrated antibody mixed with 99 parts of diluent).
2. For dilutions greater than 1:100, the use of serial dilutions is recommended to improve accuracy. For example, a 1:500 dilution can be achieved by first making a 1:100 dilution of the concentrated antibody and then making a further 1:5 dilution of the 1:100 dilution.
3. Insufficient dilution of primary antibody (i.e., antibody concentration too high) may cause false positive staining, while over-dilution (antibody concentration too low) may cause false negative staining. Different dilutions of a concentrated antibody is needed starting from the titer recommended by vendors.

Precautions:

Avoid contact with skin and eyes. Harmful if swallowed. Follow all Federal, State, and local regulations regarding disposal.