

# IMPATH ANTIBODY DILUENT FOR RTU



## Product Availability

Cat. No. 45001  
Size 125ml

 PathCom Systems, Inc.  
6759 Sierra Ct. Ste# B  
Dublin, CA 94568

## Intended Use

For In Vitro Diagnostic Use.

Rev: 100212A

## Description

ImPath antibody diluent for RTU is intended for use in immunohistochemistry for diluting primary antibody. To obtain optimal staining in IHC procedures primary antibodies require dilution. The binding of antibodies to their epitopes can be readily dissociated by extreme pH and ionic strength. Therefore, an appropriate diluent must be used to obtain optimal staining. This product is used as a diluent for primary antibodies in IHC procedures, which allow the qualitative identification by light microscopy of antigens in sections of formalin-fixed, paraffin-embedded tissue, via sequential steps with interposed washing steps. ImPath antibody diluent helps maintain the specificity and stability of antibodies.

## Distributed by:

A.Menarini Diagnostics S.r.l.  
Via Sette Santi, 3  
50131 Firenze  
Italy

 A.M. Bertolini  
Via Gorizia 50  
23900 Lecco  
Italy

## Summary and Explanation

IHC (Immunohistochemistry) is a commonly used technique supporting the identification of antigens present on the tissue or cells. It is the responsibility of the operator to identify the best working conditions and the best reagents to perform the staining run.



## Reagents Provided

Component	Quantity per kit
Antibody Diluent 125ml	1(one)

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## Dilution and Mixing

The product is ready-to-use. No further dilution is required.

## Storage and Stability

Store at 2-8°C. Do not freeze. The reagents must be returned to the storage conditions identified above immediately after use. When properly stored, the reagents are stable to the date indicated on the label.

## Warning and Precautions

ImPath Solutions are harmful and irritating to the eyes, respiratory system and skin. It may cause lung and stomach damage if ingested. **Wear disposable gloves when handling reagents.** MSDS are available from your local representative upon request. There are no express or implied warranties which extend beyond this datasheet. ImPath is not liable for personal injury, property damage or economic loss caused by this product.

## Instruction for Use

### Reagents for IHC procedures

Dilute (20x) wash buffer by mixing 19 portions of distilled water with 1 portion of the wash buffer to final 1x. Fill the wash buffer bottle from the instrument with the 1x wash buffer, screw the cap connected with tubing. Place the bottle in the designated area of the instrument.

Pull the Reagent Rack that has the required RFID tagged solution vials from refrigerator, remove the caps from the vials and place the Reagent Rack onto the ImPath 36. Turn on the unit, log in, press **Prepare Labels** to prepare the slide labels, place them on the slides, press **Load Slides**, put slides on the modules, press **Scan Slides**, then press **Scan Reagents** and allow the RFID Reader to identify and register the products, check on the required wash buffer and waste container, press **Start Staining Process**, or press **Delayed Start** and set the finished time you want, or click **Return to Main Screen** and press **Start**. The staining process is fully automated.