

Novocastra™ Enzyme Proteinase K (IHC)

Product Code: RE7330-K

Intended Use

FOR RESEARCH USE ONLY.

Introduction

Novocastra™ Enzyme Proteinase K (IHC) is intended for Enzyme Induced Epitope Retrieval (EIER) on formalin-fixed, paraffin-embedded tissue sections as part of an immunohistochemical (IHC) procedure. Enzyme Induced Epitope Retrieval is not recommended for all antibodies (see Recommendations for Use for primary antibody).

Reagents Provided

Novocastra™ Enzyme Proteinase K Concentrate - 0.75 mL
Novocastra™ Enzyme Proteinase K Buffer – 100 mL
Empty dropper bottle.

Storage and Stability

Store at 2–8 °C. Do not freeze. Return to 2–8 °C immediately after use. Do not use after expiration date indicated on the product label.

Warnings and Precautions



One or more components in the product are hazardous.
A Material Safety Data Sheet is available upon request or available from www.LeicaBiosystems.com.

Procedure

Working Solution

Add 40 µL of Novocastra™ Enzyme Proteinase K Concentrate to 6 mL of Novocastra™ Enzyme Proteinase K Buffer. Load solution into the dropper bottle provided. The working solution is stable for up to 3 months when stored at 2–8 °C.

Unless indicated, all steps are performed at room temperature (25 °C). The following steps should be undertaken prior to incubation with the primary antibody.

1. Wash slides in de-ionized water.
2. Incubate with Novocastra™ Enzyme Proteinase K working solution for 5 minutes.
3. Wash in TBS.
4. Proceed with IHC protocol according to manufacturers' Recommendations for Use for the primary antibody and detection system.

Bibliography

Bancroft JD and Stevens A. Theory and Practice of Histological Techniques. 4th Edition. Churchill Livingstone, New York. 1996.
Shi SR, Gu J, Taylor CR. Antigen Retrieval Techniques: Immunohistochemistry and Molecular Morphology. Eaton publishing, Natick. 2000.

