IHC enzyme antigen retrieval reagent

IHC enzyme antigen retrieval reagent is designed to unmask immunoreactive sites altered by fixation and/or the embedding process.

The most commonly used tissue fixatives are aldehydes, such as formalin, which work by protein cross-linking. Proper fixation of a specimen prevents antigen from being washed out and is a critical aspect of successful IHC staining. Cross-linking can mask antigens, preventing primary antibodies from binding, thus yielding weak staining or false negative results. Immunoglobulins are especially susceptible to formalin fixation. Treatment with a proteolytic enzyme is required to digest excess aldehyde linkages and expose the antigen. The IHC enzyme antigen retrieval reagent is a proteolytic enzyme solution that results in superior staining over traditionally used enzyme pretreatments, such as pepsin and trypsin. Moreover, the IHC enzyme antigen retrieval reagent requires only a brief incubation at room temperature. Performing antigen recovery with the IHC enzyme antigen retrieval reagent will allow you to dilute the primary antibody 5 to 10 fold further and achieve optimal staining.

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Ordering Information

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ADI-950-280-0015	15ml

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Clear slightly viscous solution.
Formulation	Liquid. Enzyme antigen retrieval reagent.
Technical Info / Product Notes	Interpretation of the results will be the sole responsibility of the user.

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