

PEPSIN reagent, Ready to use, Antigen Retriever

Catalog number: AR-6543-01 15 ml---blue color cap
AR-6543-02 100 ml

Description: Pepsin is used for proteolytic digestion of formalin-fixed paraffin-embedded (FFPE) tissue sections prior to application of antibodies. In IHC most commonly used fixative like formalin mask tissue antigens (cellular, membrane and nuclear) by cross-linking process, this results in poor or no staining in IHC. Pepsin digestion of FFPE tissue section improves accessibility of antibodies to tissue antigens.

Storage: 2-8°C, DO NOT FREEZE,.

Intended Use: Use as antigen retriever for some antibodies in IHC. Please refer to primary antibody protocol for IHC.

Reagent: Ready-to use Pepsin reagent.

Procedures:

1. Deparaffinize FFPE tissue section is carried out as outlined in your protocol. Hydrate tissue with PBS or ImmunoBioScience Universal Immuno buffer.
2. Remove buffer, add 2-4 drops of Pepsin reagent to cover tissue section.
3. Incubate at 37°C or at 56°C for 5-10 minutes (the time required for optimum digestion of FFPE tissue section will vary with the extent of fixation, generally approx. 5-10 minutes are sufficient at the above temperatures. In some cases it may require 15 minute.).
4. Discard Pepsin reagent, wash 3-5 times with buffer.
5. The tissue sections are ready for further IHC protocol.

NOT RECOMMENDED FOR CYTOKERATIN (clone: AE3) ANTIBODY

Note: *Over-digestion may detach tissue sections from slides or may result in the loss of tissue morphology. It may be necessary to use + charge, sialanized or polylysine coated slides.*

Limitation and warranty: Our warranty is limited to the actual price paid for the product. We are not liable for any property damage, personnel injury, time, effort or economic loss due to our product.

MSDS: This product contains 0.05 % Proclin 300 as a preservative. Avoid skin and eye contact with all laboratory products. Use appropriate laboratory gear, laboratory coat, gloves and safety glasses. Do not ingest any laboratory products. This product is not approved for administration in human or animals.

FOR IN VITRO LABORATORY USE ONLY

“*In vitro* laboratory products for research use only; not for use in diagnostic procedures.”

Related products: • Antigen Retriever solutions:

PEPSIN reagent, Ready to use #[FM2171](#)

PRONASE Reagent, Ready to use #[DU4690](#)

TRYPsin Reagent #[FM2211](#)

ImmunoHistoZyme reagent #[WYM940](#)

Citrate Buffer pH6.0 #[FM2096](#)

EDTA Buffer pH8.5 #[FM2101](#)

Tris Buffer pH10.0 #[FM2201](#)