HUMAN EPIDERMAL TRANSGLUTAMINASE (TGe) ANTIBODY, POLYCLONAL

Catalog no.: AP1005.1 / AP1005.2
Immunogen: Recombinant human epidermal Transglutaminase (TGe)
Synonyms: Protein-glutamine gamma-glutamyltransferase E, EC=2.3.2.13, Transglutaminase E, Transglutaminase-3
Swiss-Prot No: Q08188
Gene Information: Gene Name: TGM3
GeneID: 7053
Host: Rabbit
Matrix: Serum
Specificity: Human Epidermal Transglutaminase (TGe)
There was no crossreactivity obtained with human Transglutaminase-1 or factor XIIIa. Crossreactivity with Transglutaminase-2 was <1%.
Contents: 20 µl / 100 µl (lyophilized)
Resuspend in 20 µl / 100 µl aqua bidest.
Known applications: ELISA¹, immunohistochemistry (cryosections, 1:100-3200)¹,²,³

This antibody has not been tested for use in all applications. This does not necessarily exclude its use in non-tested procedures. The stated dilutions are recommendations only. End users should determine optimal dilutions in their system using appropriate negative/positive controls.

Figure 1: Immunofluorescence image of TGe staining in cryosection of human skin of dermatitis herpetiformis patient. The section was incubated with AP1005 (1:100) followed by incubation with Cy3-labeled goat anti-rabbit antibody (Sigma-Aldrich). AP1005 stains the epidermis and aggregates within the dermal papillae (red). TGe colocalizes with IgA (green) in these precipitates.

Store at: 2-8 °C (lyophilized); -20 °C (dissolved)
Repeated thawing and freezing must be avoided

References:

Last updated on: 06 November 2015

For research use only

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