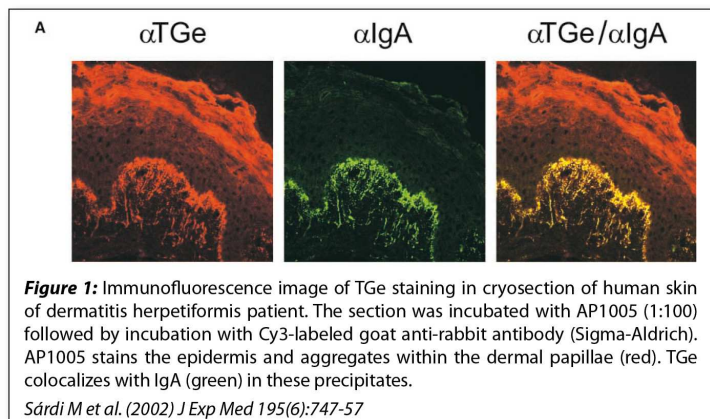


## Data Sheet

# HUMAN EPIDERMAL TRANSGLUTAMINASE (TGe)

## ANTIBODY, POLYCLONAL

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





Antibodies

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**Store at:** 2-8 °C (lyophilized); -20 °C (dissolved)

Repeated thawing and freezing must be avoided

**References:**

1. Sardy M, Karpati S, Merkl B, Paulsson M, Smyth N (2002). Epidermal transglutaminase (TGase 3) is the autoantigen of dermatitis herpetiformis. *J Exp Med* **195**(6): 747-757.
2. Oji V, Hautier JM, Ahvazi B, Hausser I, Aufenvenne K, Walker T, Seller N, Steijlen PM, Küster W, Hovnanian A, Hennies HC, Traupe H (2006). Bathing suit ichthyosis is caused by transglutaminase-1 deficiency: evidence for a temperature-sensitive phenotype. *Human Molecular Genetics* **15**(21): 3083-3097.

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