

PRODUCT DATA SHEET

mab0057 Monoclonal Antibody to Epidermal Transglutaminase 3 (Tgase 3)



Product Number/Size

mab0057-0 Lyophilized from 100 µl of ascitic fluid
mab0057-1 Lyophilized from 200 µl of ascitic fluid

Product specifications

Immunogen Recombinant human transglutaminase-3

Form Ascitic fluid

Raised in Mouse

Clone C2D

Isotype IgG1 / Kappa

Specificity Monoclonal antibody reacts specifically with epidermal Transglutaminase 3 (TGase 3) from human epidermal cells and recombinant human transglutaminase 3 (rh-Tgase 3)
It recognizes both full length (77 kDa) and proteolysed form (30 kDa)

Cross reactions Not yet tested

Working dilutions Optimal dilutions should be determined by the end user
The following are guidelines only :
- Immunocytochemistry : 1/100 to 1/500
- Western Blot : 1/200 to 1/1 000

Packaging specifications

Appearance Lyophilized powder (glass vial)
Vial must be reconstituted as follow :
- mab0057-0 in 100 µl of distilled water
- mab0057-1 in 200 µl of distilled water

Preservative None

Storage Short term storage : +4°C
Long term storage : -20°C

References

- 1) Hitomi et al; Analysis of epidermal-type transglutaminase (transglutaminase 3) in human stratified epithelia and cultured keratinocytes using monoclonal antibodies. J Dermatol Sci. 2003; 32(2):95-103.
- 2) Hitomi et al; Immunological detection of proteolytically activated epidermal-type transglutaminase (TGase 3) using cleavage-site-specific antibody. Biosci Biotechnol Biochem. 2003; 67(11):2492-4.

Product type

Primary antibody

Clonality

Monoclonal Antibody

Related product

pab0053 ; pab0054 ;
pab0056 ; pab0035 ;
lab0235 ; lab0239 ;
lab0242 ; lab0246 ;
lab0250 ; lab0252 ;
lab0257 ; opr0002 ;
opr0008 ; opr0009

Warning

This is a laboratory reagent. It is not to be administered to human or animals nor be used as a drug

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version B

Covalab France

11, Avenue Albert Einstein
69100 Villeurbanne - France
Phone +33 (0) 437 654 230
Fax +33 (0) 437 289 416
Email pa@covalab.com
www.covalab.com

Covalab - UK Ltd

St John's Innovation Centre
Unit 75, Cowley Road
Cambridge, CB40WS - UK
Phone +44 (0) 1223 421055
Fax +44 (0) 1223 420844
Email enquiries@covalab.co.uk
www.covalab.co.uk