

TGM1 Monoclonal antibody, PBS Only

Catalog Number: 67004-1-PBS

Basic Information

Catalog Number:

67004-1-PBS

Size:

10088 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG3905

GenBank Accession Number:

BC034699

GeneID (NCBI):

7051

UNIPROT ID:

P22735

Full Name:

transglutaminase 1 (K polypeptide
epidermal type I, protein-glutamine-
gamma-glutamyltransferase)

Calculated MW:

817 aa, 90 kDa

Observed MW:

90 kDa

Purification Method:

Protein A purification

CloneNo.:

3D9C11

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

Human

Background Information

Transglutaminase 1 is an epidermal enzyme that is expressed during the terminal differentiation of keratinized squamous epithelium to form cornified cell envelope in differentiated keratinocytes. Mutation of TGM1 has been linked to various epidermal diseases. This antibody recognizes the endogenous 90 kDa TGM1 proteins.

Storage

Storage:

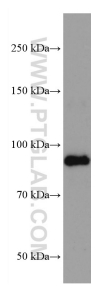
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

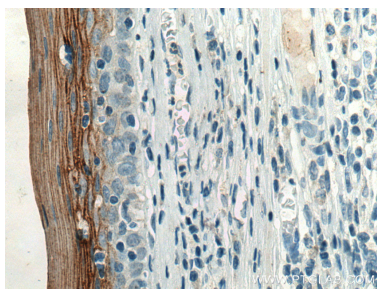
Storage Buffer:

PBS only

Selected Validation Data



human saliva were subjected to SDS PAGE followed by western blot with 67004-1-Ig (TGM1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67004-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67004-1-Ig (TGM1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67004-1-PBS in a different storage buffer formulation.