

Datasheet

TGM2 monoclonal antibody, clone ABEG-20

Catalog Number: MAB20779

Regulatory Status: For research use only (RUO)

Product Description: Rabbit monoclonal antibody raised against synthetic peptide of human TGM2.

Clone Name: ABEG-20

Immunogen: A synthetic peptide corresponding to human TGM2.

Host: Rabbit

Theoretical MW (kDa): 77.329

Reactivity: Human

Applications: IHC, IP, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Affinity purification

Isotype: IgG

Recommend Usage: Immunohistochemistry (1:50-1:200)
Immunoprecipitation (1:50)
Western Blot (1:1000-1:5000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction: Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Entrez GeneID: 7052

Gene Symbol: TGM2

Gene Alias: G-ALPHA-h, GNAH, TG2, TGC

Gene Summary: Transglutaminases are enzymes that catalyze the crosslinking of proteins by epsilon-gamma glutamyl lysine isopeptide bonds. While the primary structure of transglutaminases is not conserved, they all have the same amino acid sequence at their active sites and their activity is calcium-dependent. The protein encoded by this gene acts as a monomer, is induced by retinoic acid, and appears to be involved in apoptosis. Finally, the encoded protein is the autoantigen implicated in celiac disease. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]