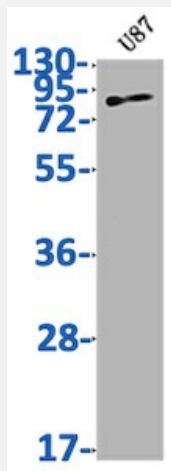


RecomAb™

TGM2 recombinant monoclonal antibody, clone 7E1

Catalog # RAB04087 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: U87 whole cell lysate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TGM2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human TGM2.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: U87 whole cell lysate.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TGM2

Entrez GeneID	7052
Protein Accession#	P21980
Gene Name	TGM2
Gene Alias	G-ALPHA-h, GNAH, TG2, TGC
Gene Description	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)
Omim ID	190196
Gene Ontology	Hyperlink

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]
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Other Designations	C polypeptide OTTHUMP00000030960 TGase C TGase-H protein-glutamine-gamma-glutamyltransferase tissue transglutaminase transglutaminase 2 transglutaminase C
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Disease

- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Exfoliation Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Schizophrenia](#)