

Anti-TGM2 / Transglutaminase 2 antibody



Catalog Number: 102425

Product name

Anti-TGM2 / Transglutaminase 2 antibody

Immunogen

[Human TGM2 / Transglutaminase 2 \(His Tag\) recombinant protein](#)

Specificity

Human TGM2 / TGC / Transglutaminase-2

Antibody description

Rabbit polyclonal to TGM2 / Transglutaminase 2

Preparation

Produced in rabbits immunized with purified, recombinant Human TGM2 / Transglutaminase-2 (rh TGM2; NP_004604.2; Met 1-Ala 687). TGM2 specific IgG was purified by human TGM2 affinity chromatography.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IP

Dilutions

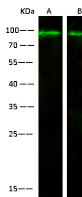
WB: 10-20 µg/mL

ELISA: 0.5-1 µg/mL

This antibody can be used at 0.5-1 µg/mL with the appropriate secondary reagents to detect Human TGM2. The detection limit for Human TGM2 is approximately 0.00975 ng/well.

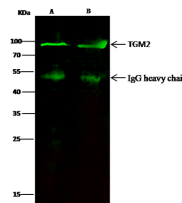
IP: 1-4 µg/mg of lysate

Validations



Items \ Lanes	A	B
Sample (whole cell lysate)	HepG2	K562
Sample Volume (µg/lane)	30	30
Gel	13% SDS-PAGE reducing gel	
Recommended Concentration	10-20 µg/ml	
Secondary Antibody	Dylight 800-labeled Antibody to Rabbit IgG (H+L), at 1:5000 dilution.	
Explanation	Developed using Odyssey imaging system. Predicted band size : 77 kDa Observed band size : 90 kDa	

TGM2 / Transglutaminase 2 Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot



Items \ Lanes	A	B
Sample (whole cell lysate)	HepG2	K562
Sample quantity	0.5 mg	
IP antibody quantity	2 µg	
Protein G agarose	15 µl of 50% Protein G Agarose	
Gel	13% SDS-PAGE reducing gel	
Primary antibody	TGM2 antibody at 2 µg/ml [Cat# 11095-RP02]	
Secondary antibody	Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.	

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