

# 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  $\mu$ m 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

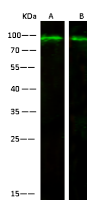
WB: 10-20  $\mu$ g/mL

ELISA: 0.5-1  $\mu$ g/mL

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

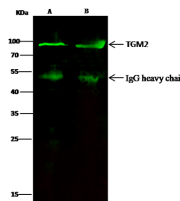
IP: 1-4  $\mu$ g/mg of lysate

## Validations



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

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



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

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