

Datasheet for ABIN520889
anti-Transglutaminase 2 antibody (AA 1-120)



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	Transglutaminase 2 (TGM2)
Binding Specificity:	AA 1-120
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Transglutaminase 2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant TGM2.
Immunogen:	TGM2 (AAH03551, 1 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MAEELVLERC DLELETNGRD HHTADLCREK LVVRRGQPFW LTLHFEGRNY EASVDSLTF VVTGPAPSQE AGTKARFPLR DAVEEGDWTA TVVDQQDCTL SLQLTTPANA PIGLYRLSLE
Clone:	1A8
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Transglutaminase 2 (TGM2)
Alternative Name:	TGM2 (TGM2 Products)
Background:	Full Gene Name: transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase) Synonyms: G-ALPHA-h,GNAH,TG2,TGC
Gene ID:	7052
Pathways:	Tube Formation, Thromboxane A2 Receptor Signaling

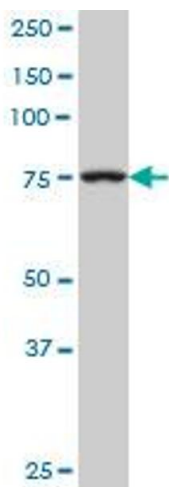
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

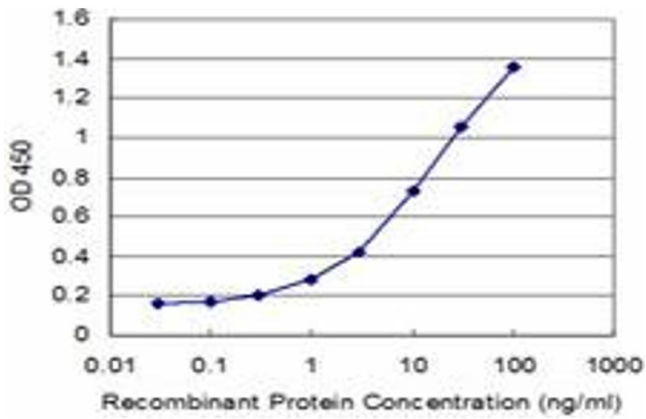
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



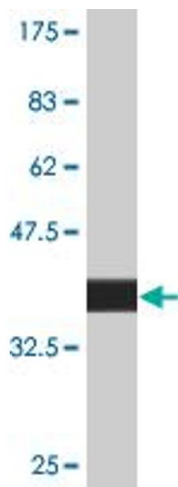
Western Blotting

Image 1. TGM2 monoclonal antibody (M02), clone 1A8. Western Blot analysis of TGM2 expression in K-562 .



ELISA

Image 2. Detection limit for recombinant GST tagged TGM2 is approximately 0.3ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (38.83 kDa).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN520889.