

GOAT ANTI-TGM2 ANTIBODY

SKU: EB07827

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	transglutaminase C transglutaminase 2 tissue transglutaminase protein-glutamine-gamma-glutamyltransferase TGase-H TGase C C polypeptide TGC TG2 transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase) TGM2
Usage Summary	<p>Flow Cytometry: Flow cytometric analysis of A549 cells. Recommended concentration: 10ug/ml.</p>
Accession ID	NP_004604.2; NP_001310245.1; NP_001310247.1; NP_001310246.1
Blocking Peptide	EBP07827
Immunogen	Peptide with sequence C-NFESDKLKAVKGFR, from the internal region (near the C Terminus) of the protein sequence according to NP_004604.2; NP_001310245.1; NP_001310247.1; NP_001310246.1.
Product Comments	This antibody is expected to recognise iall reported isoforms.
Peptide Sequence	C-NFESDKLKAVKGFR
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human
Reactive Species	Human
Human Gene ID	7052
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Placenta. Recommended concentration: 5-10µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx. 70kDa band observed in K562, 70+80kDa in Caco-2 and 70+85kDa in A549 cell lysates, and approx. 80kDa in Human Placenta lysates (calculated MW of 70.3kDa according to NP_001310247.1 and 77.3kDa according to NP_004604.2). All observed molecular weights are reported by other sources. Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IHC, FC

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES



