# antibodies -online.com







# anti-TNMD antibody (AA 151-250)



Image

**Publications** 



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Quantity:	100 μL
Target:	TNMD
Binding Specificity:	AA 151-250
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNMD antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human TNMD
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

## **Target Details**

## Target Details

Alternative Name:	TNMD (TNMD Products)	
Background:	Synonyms: TEM, CHM1L, BRICD4, Tenomodulin, hTeM, Chondromodulin-1-like protein,	
	hChM1L, Chondromodulin-I-like protein, Myodulin, Tendin, TNMD, UNQ771/PRO1565	
	Background: Tenomodulin is related to chondromodulin-I, which is a cartilage-specific	
	glycoprotein that functions to stimulate chondrocyte growth and to inhibit tube formation of	
	endothelial cells. This protein is also an angiogenesis inhibitor. Genetic variation in this gene is	
	associated with a risk for type 2 diabetes, central obesity and serum levels of systemic immune	
	mediators in a body size-dependent manner. This gene is also a candidate gene for age-related	
	macular degeneration, though a direct link has yet to be demonstrated.	
Gene ID:	64102	
UniProt:	Q9H2S6	
Application Details		
Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	

### Handling

Expiry Date:

12 months

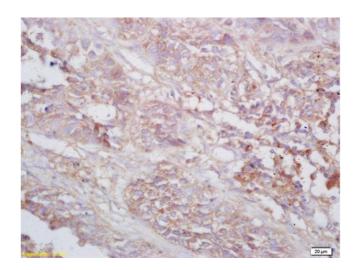
#### **Publications**

Product cited in:

Wada, Ideno, Shimada, Kamiunten, Nakamura, Nakashima, Kimura, Shinkai, Tachibana, Nifuji: "H3K9MTase G9a is essential for the differentiation and growth of tenocytes in vitro." in: **Histochemistry and cell biology**, Vol. 144, Issue 1, pp. 13-20, (2015) (PubMed).

Shimada, Wada, Inoue, Ideno, Kamiunten, Komatsu, Kudo, Nakamura, Sato, Nakashima, Nifuji: "Efficient expansion of mouse primary tenocytes using a novel collagen gel culture method." in: **Histochemistry and cell biology**, Vol. 142, Issue 2, pp. 205-15, (2014) (PubMed).

## **Images**



#### **Immunohistochemistry**

**Image 1.** Formalin-fixed and paraffin embedded human lung carcinoma labeled with Rabbit Anti TNMD/tenomodulin Polyclonal Antibody, Unconjugated (ABIN872740) at 1:200 followed by conjugation to the secondary antibody and DAB staining