# antibodies -online.com

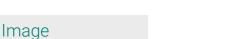






## anti-TIMP3 antibody (AA 175-211)







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Overview		
Quantity:	100 μg	
Target:	TIMP3	
Binding Specificity:	AA 175-211	
Reactivity:	Human, Rat, Mouse, Cow, Dog, Horse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This TIMP3 antibody is un-conjugated	
Application:	Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF), Staining Methods (StM)	
Product Details		
Immunogen:	The amino acid sequence (aa175-211), used as the immunogen for TIMP3 Ab, is 100% homologous in human, cow, dog and horse, and 94% homologous in Mouse and rat.	
Isotype:	IgG	
Target Details		

Target:	TIMP3	
Alternative Name:	TIMP3 (TIMP3 Products)	
Background:	TIMP3 (tissue inhibitor of metalloproteinases 3), along with family members TIMP1, TIMP2.  TIMP4, are inhibitors of the matrix metalloproteinases (MMPs), a group of peptidases involved.	
	in degradation of the extracellular matrix (ECM). An imbalance between MMPs and the	

#### **Target Details**

associated TIMPs may play a significant role in the invasive phenotype of malignant tumors. TIMP's inhibit the proteolytic invasiveness of tumor cells and normal placental trophoblast cells. TIMP-3 may be involved in regulating trophoblastic invasion of the uterus as well as in regulating remodeling of the extracellular matrix during the folding of epithelia, and in the formation, branching and expansion of epithelial tubes.

Molecular Weight: 30kDa

Gene ID: 7078

UniProt: P35625

### **Application Details**

#### Application Notes:

Positive Control: Placenta or breast carcinoma.

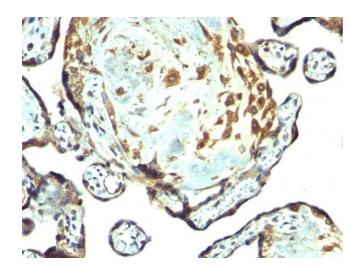
Known Application: Flow Cytometry (0.5-1  $\mu$ g/million cells), Immunofluorescence (1-2  $\mu$ g/mL), Immunohistochemistry (Formalin-fixed) (1-2  $\mu$ g/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions:

For Research Use only

#### Handling

Concentration:	200 μg/mL	
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-80 °C	
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.	
Expiry Date:	24 months	



#### **Immunohistochemistry**

**Image 1.** Formalin-fixed, paraffin-embedded human placenta stained with TIMP3 Rabbit PAb.