



# TIMP-4 Monoclonal Antibody

<b>Catalog No</b>	BYmab-02799
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	TIMP4
<b>Protein Name</b>	Metalloproteinase inhibitor 4
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human TIMP4. AA range:175-224
<b>Specificity</b>	TIMP-4 Monoclonal Antibody detects endogenous levels of TIMP-4 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	TIMP4; Metalloproteinase inhibitor 4; Tissue inhibitor of metalloproteinases 4; TIMP-4
<b>Observed Band</b>	26kD
<b>Cell Pathway</b>	Secreted.
<b>Tissue Specificity</b>	Abundant in heart and present at low levels in many other tissues.
<b>Function</b>	function:Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them. Known to act on MMP-1, MMP-2, MMP-3, MMP-7 and MMP-9.,similarity:Belongs to the protease inhibitor I35 (TIMP) family.,similarity:Contains 1 NTR domain.,tissue specificity:Abundant in heart and present at low levels in many other tissues.,
<b>Background</b>	This gene belongs to the TIMP gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. The secreted, netrin domain-containing protein encoded by this gene is involved in regulation of platelet aggregation and recruitment and may play role in hormonal regulation and

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endometrial tissue remodeling. [provided by RefSeq, Jul 2008],

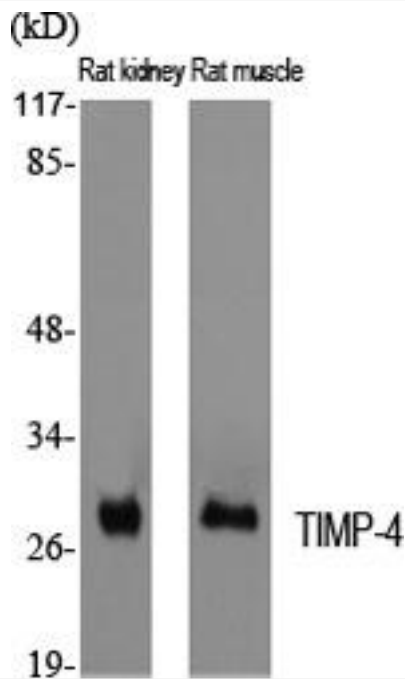
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using TIMP-4 Monoclonal Antibody

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