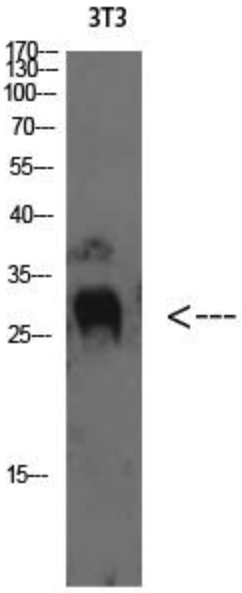
TIMP-4 Monoclonal Antibody

Catalog No	YP-mAb-02891
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TIMP4
Immunogen	Synthesized peptide derived from TIMP-4 at AA range: 174-223
Specificity	TIMP-4 Monoclonal Antibody detects endogenous levels of TIMP-4
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TIMP4;TIMP 4;Metalloproteinase inhibitor 4;TIMP-4;Metalloproteinase inhibitor 4 (Tissue inhibitor of metalloproteinases 4) (TIMP-4)
Observed Band	26kD
Calculated Molecular Weight	26kD
Cell Pathway	Secreted.
Tissue Specificity	Abundant in heart and present at low levels in many other tissues.
Function	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.,
Background	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 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