

bsm-51320M**[Primary Antibody]****TIMP-2 Mouse mAb**

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— DATASHEET —

Host: Mouse	Isotype: IgG1	Applications: WB (1:500-2000) IHC-P (1:20-100) IHC-F (1:20-100) IF (1:100-500) Flow-Cyt (1:20-50) Reactivity: Human Predicted MW.: 24 kDa Subcellular Location: Secreted
Clonality: Monoclonal	CloneNo.: 4C9	
GeneID: 7077	SWISS: P16035	
Target: TIMP-2		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene is a member of the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. In addition to an inhibitory role against metalloproteinases, the encoded protein has a unique role among TIMP family members in its ability to directly suppress the proliferation of endothelial cells. As a result, the encoded protein may be critical to the maintenance of tissue homeostasis by suppressing the proliferation of quiescent tissues in response to angiogenic factors, and by inhibiting protease activity in tissues undergoing remodelling of the extracellular matrix. [provided by RefSeq, Jul 2008].		

— SELECTED CITATIONS —

- **[IF=3.5]** Yang Shude. et al. RNF144A-AS1 stabilizes TAF15 and promotes malignant biological behaviors of skin cutaneous melanoma. MOL CELL BIOCHEM. 2024 Jun;;1-13 WB ;Human. 38878223