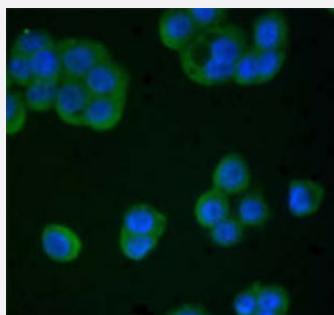


TIMP4 monoclonal antibody, clone SB30c (HRP)

Catalog # MAB5896

Size

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

TIMP4 monoclonal antibody, clone SB30c was stained on cold methanol fixed human pancreatic carcinoma cells with DAPI and Goat Anti-Mouse Ig, human adsorbed-FITC.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant TIMP4.
Immunogen	Recombinant protein corresponding to human TIMP4.
Host	Mouse
Reactivity	Human
Specificity	human TIMP-4.
Form	Liquid
Conjugation	HRP
Concentration	Lot specific
Isotype	IgG2a
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

TIMP4 monoclonal antibody, clone SB30c was stained on cold methanol fixed human pancreatic carcinoma cells with DAPI and Goat Anti-Mouse Ig, human adsorbed-FITC.

- Immunohistochemistry (Frozen sections)

Gene Info — TIMP4

Entrez GeneID [7079](#)

Gene Name TIMP4

Gene Alias -

Gene Description TIMP metalloproteinase inhibitor 4

Omim ID [601915](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 a role in hormonal regulation and endometrial tissue remodeling. [provided by RefSeq]

Other Designations tissue inhibitor of metalloproteinase 4

Publication Reference

- [Tissue inhibitor of metalloproteinase-4 instigates apoptosis in transformed cardiac fibroblasts.](#)

Tummalapalli CM, Heath BJ, Tyagi SC.

Journal of Cellular Biochemistry 2001 Jan; 80(4):512.

Application: Func, WB-Ti, Human, Fibroblasts, Hearts, T cells

- [TIMP-4 is regulated by vascular injury in rats.](#)

Dollery CM, McEwan JR, Wang M, Sang QA, Liu YE, Shi YE.

Circulation Research 1999 Mar; 84(5):498.

Application: IHC-P, WB-Ti, Rat, Rat carotid arteries

- [Murine tissue inhibitor of metalloproteinases-4 \(Timp-4\): cDNA isolation and expression in adult mouse tissues.](#)

Leco KJ, Apte SS, Taniguchi GT, Hawkes SP, Khokha R, Schultz GA, Edwards DR.

FEBS Letters 1997 Jan; 401(2-3):213.

Disease

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