RecomAb™ Sm Size

TIMP1 recombinant monoclonal antibody, clone TIMP1/1944R

Catalog # RAB09009 Size 20 ug

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against full length human TIMP1.
Antibody Species	Rabbit
Immunogen	Recombinant protein corresponding to full-length human TIMP1.
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	ELISA (2-4 ug/mL for coating) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA and 0.05% azide)
Storage Instruction	Store at 4°C.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TIMP1

Entrez GeneID	7076
Protein Accession#	P01033
Gene Name	TIMP1

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Gene Alias	CLGI, EPA, EPO, FLJ90373, HCI, TIMP
Gene Description	TIMP metallopeptidase inhibitor 1
Omim ID	305370
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of the matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. In addition to its inhibitory role against most of the known MMPs, the encoded protein is able to promote cell proliferation in a wide range of cell types, and may also have an anti-apoptotic function. Transcription of this gene is highly inducible in response to many cytokines and hormones. In addition, the expression from some but not all inactive X chromosomes suggests that this gene inactivation is polymorphic in human females. This gene is located within intron 6 of the synapsin I gene and is transcribed in the opposite direction. [provided by RefSeq
Other Designations	OTTHUMP00000023214|erythroid potentiating activity|fibroblast collagenase inhibitor|tissue inhibitor of metalloproteinase 1

Disease

- Alzheimer disease
- Aortic Aneurysm
- Arthritis
- Asthma
- Cardiovascular Diseases
- Chorioamnionitis
- Colitis
- Constriction
- Coronary Disease
- Crohn Disease
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Angiopathies
- Disease Progression

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- Duodenal Ulcer
- Edema
- Endometrial Neoplasms
- Fetal Membranes
- Genetic Predisposition to Disease
- Graft Occlusion
- Helicobacter Infections
- Hepatitis C
- Inflammation
- Intracranial Aneurysm
- Liver Cirrhosis
- Lymphoma
- Metabolic Syndrome X
- Metaplasia
- Myocardial Infarction
- Myopia
- Neoplasms
- Obstetric Labor
- Osteoporosis
- Ovarian Neoplasms
- Pre-Eclampsia
- Premature Birth
- Pulmonary Disease
- Recurrence
- Scleroderma
- Spondylitis

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- Stomach Neoplasms

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