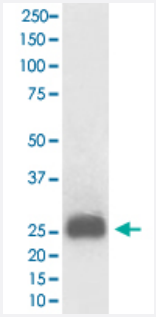
TIMP1 monoclonal antibody, clone AOOI-20

Catalog # MAB20785 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HL60 cell lysate treated with TPA with TIMP1 monoclonal antibody, clone AOOI-20 (Cat # MAB20785).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human TIMP1.
Immunogen	A synthetic peptide corresponding to human TIMP1.
Host	Rabbit
Theoretical MW (kDa)	23.171
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

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Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Western Blot (Transfected lysate)

  Western Blot analysis of HL60 cell lysate treated with TPA with TIMP1 monoclonal antibody, clone AOOI-20 (Cat # MAB20785).

Gene Info — TIMP1

Entrez GeneID	7076
Protein Accession#	P01033
Gene Name	TIMP1
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 i nhibitors 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 en coded 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 cytoki nes and hormones. In addition, the expression from some but not all inactive X chromosomes sug gests that this gene inactivation is polymorphic in human females. This gene is located within intro n 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 inhib itor of metalloproteinase 1

Disease

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- Alzheimer disease
- Aortic Aneurysm
- Arthritis
- Asthma
- Cardiovascular Diseases
- Chorioamnionitis
- Colitis
- Constriction
- Coronary Disease
- Crohn Disease
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Angiopathies
- Disease Progression
- Duodenal Ulcer
- Edema
- Endometrial Neoplasms
- Fetal Membranes
- Genetic Predisposition to Disease
- Graft Occlusion
- Helicobacter Infections
- Hepatitis C
- Inflammation
- Intracranial Aneurysm
- Liver Cirrhosis
- Lymphoma

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- Metabolic Syndrome X
- Metaplasia
- Myocardial Infarction
- Myopia
- Neoplasms
- Obstetric Labor
- Osteoporosis
- Ovarian Neoplasms
- Pre-Eclampsia
- Premature Birth
- Pulmonary Disease
- Recurrence
- Scleroderma
- Spondylitis
- Stomach Neoplasms

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