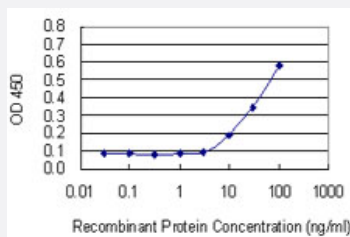


TIMP3 monoclonal antibody (M01), clone 1D8

Catalog # H00007078-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TIMP3 is 3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TIMP3.
Immunogen	TIMP3 (AAH14277, 112 a.a. ~ 211 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KMYTGLCNFVERWDQLTSLQQRKGLNRYHLGCNCKIKSCYYLPCFVTSKNECLWTDMLSNFGYP GYQSKHYACIRQKGGYCSWYRGWAPPDKSINATDP
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TIMP3 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TIMP3

Entrez GeneID [7078](#)

GeneBank Accession# [BC014277](#)

Protein Accession# [AAH14277](#)

Gene Name TIMP3

Gene Alias HSMRK222, K222, K222TA2, SFD

Gene Description TIMP metalloproteinase inhibitor 3

Omim ID [136900 188826](#)

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 (ECM). Expression of this gene is induced in response to mitogenic stimulation and this netrin domain-containing protein is localized to the ECM. Mutations in this gene have been associated with the autosomal dominant disorder Sorsby's fundus dystrophy. [provided by RefSeq]

Other Designations MIG-5 protein|tissue inhibitor of metalloproteinase 3

Disease

- [Aortic Aneurysm](#)
- [Atherosclerosis](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Connective Tissue Diseases](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Hypertension](#)
- [Infection](#)
- [Inflammation](#)
- [Intracranial Aneurysm](#)
- [Liver Cirrhosis](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)
- [Ovarian Neoplasms](#)

- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Pulmonary Fibrosis](#)
- [Retinal Diseases](#)
- [Schizophrenia](#)
- [Skin Diseases](#)