

THBD monoclonal antibody, clone 15C8

Catalog # MAB9692

Size

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant THBD.
Immunogen	Recombinant protein corresponding to the epidermal growth factor homology domain of human THBD.
Host	Mouse
Reactivity	Human
Form	Lyophilized
Isotype	IgG1
Recommend Usage	Immunohistochemistry (1:50-1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from tissue culture supernatant (0.09% sodium azide)
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with steril distilled water, Store at 4°C for at least two months. For long term storage store at -20°C or below. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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

Gene Info — THBD

Entrez GeneID	7056
Gene Name	THBD
Gene Alias	CD141, THRM, TM
Gene Description	thrombomodulin
Omim ID	188040
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this intronless gene is an endothelial-specific type I membrane receptor that binds thrombin. This binding results in the activation of protein C, which degrades clotting factors Va and VIIIa and reduces the amount of thrombin generated. Mutations in this gene are a cause of thromboembolic disease, also known as inherited thrombophilia. [provided by RefSeq]
Other Designations	CD141 antigen OTTHUMP00000030415 fetomodulin

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Abortion](#)
- [Abruptio Placentae](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Anemia](#)
- [Angina Pectoris](#)
- [Arterial Occlusive Diseases](#)
- [Atherosclerosis](#)
- [Blood Coagulation Disorders](#)
- [Brain Infarction](#)

- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebral Infarction](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chorioamnionitis](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Coronary Stenosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Fetal Death](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hematologic Diseases](#)
- [Hemolytic-Uremic Syndrome](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)

- [Inflammation](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Recurrence](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Tobacco Use Disorder](#)
- [Varicose Veins](#)
- [Venous Thrombosis](#)
- [Werner syndrome](#)