

RecomAb™

THBD recombinant monoclonal antibody, clone R01-4F4

Catalog # RAB04401 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human THBD.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human THBD.
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	ELISA (1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.01 M PBS, pH 7.2
Storage Instruction	Store at 4°C for at least six months Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — THBD

Entrez GeneID	7056
Protein Accession#	P07204

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](#)