

THBD monoclonal antibody, clone QBEND/40

Catalog # MAB5235

Size 100 Reactions

Specification

Product Description	Mouse monoclonal antibody raised against THBD.
Immunogen	Human THBD.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes all human endothelium tested. Preliminary evidence suggests that this antibody recognizes Thrombomodulin, but does not inhibit Thrombomodulin dependent activation of protein C.
Form	Liquid
Isotype	IgG2a
Recommend Usage	Flow Cytometry (10ul of the suggested working dilution (neat) to label 10^6 cells in 100ul) Immunohistochemistry (Frozen sections) (1:10-1:100) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:10-1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In tissue culture supernatant (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. 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)

- Immunoprecipitation
- Flow Cytometry

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](#)