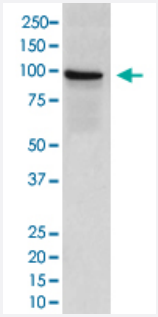
THBD monoclonal antibody, clone COO-20

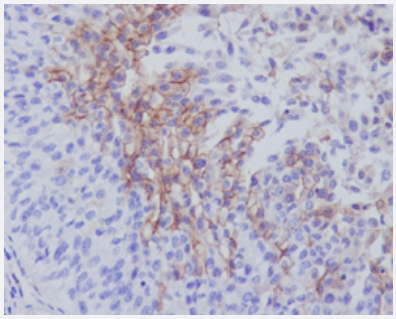
Catalog # MAB20781 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot analysis of human placenta tissue lysate with THBD monoclonal antibody, clone COO-20 (Cat # MAB20781).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human bladder with THBD monoclonal antibody, clone COO-20 (Cat # MAB20781).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human THBD.
Immunogen	A synthetic peptide corresponding to human THBD.
Host	Rabbit
Theoretical MW (kDa)	60.329
Reactivity	Human
Form	Liquid
Purification	Affinity purification

Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Immunoprecipitation (1:50) 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).
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

- Western Blot (Tissue lysate)

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- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation

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 t hat binds thrombin. This binding results in the activation of protein C, which degrades clotting fact ors Va and VIIIa and reduces the amount of thrombin generated. Mutations in this gene are a caus e 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