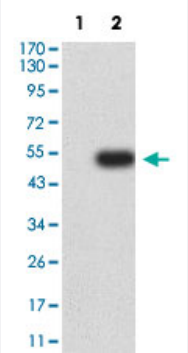
THBD monoclonal antibody, clone 2C6C3

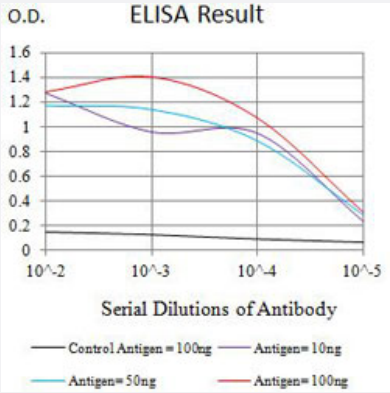
Catalog # MAB21380 Size 100 ug

Applications



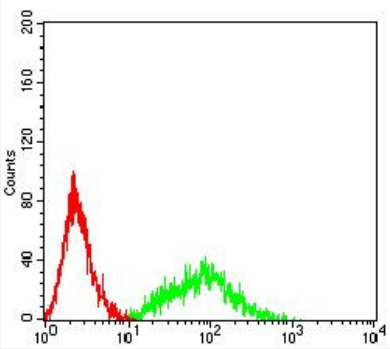
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: THBD-hIgGFc transfected HEK293 cell lysates with THBD monoclonal antibody, clone 2C6C3 (Cat # MAB21380).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with THBD monoclonal antibody, clone 2C6C3 (Cat # MAB21380).



Flow Cytometry

Flow cytometric analysis of HL-60 cells with THBD monoclonal antibody, clone 2C6C3 (Cat # MAB21380) (Green). Red: Negative Control.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human THBD.
Immunogen	Recombinant protein corresponding to amino acids 297-505 of human THBD.
Host	Mouse
Theoretical MW (kDa)	60.3
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% 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 shoul d be handled by trained staff only.

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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