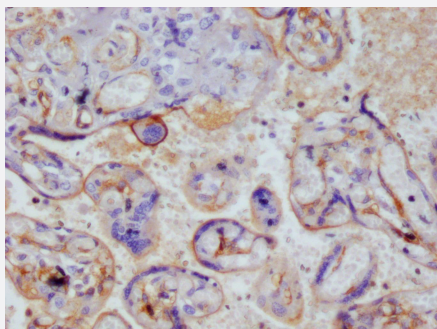


RecomAb™

# THBD recombinant monoclonal antibody, clone 15C7

Catalog # RAB07618      Size 100 uL

## Applications



### Immunohistochemistry

Immunohistochemistry image of THBD recombinant monoclonal antibody, clone 15C7 diluted at 1:100 and staining in paraffin-embedded human placenta tissue performed on a Leica Bond™ system.

## Specification

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Product Description | Rabbit recombinant monoclonal antibody raised against human THBD.                                               |
| Antibody Species    | Rabbit                                                                                                          |
| Immunogen           | Original antibody is raised against a synthetic peptide corresponding to human THBD.                            |
| Reactivity          | Human                                                                                                           |
| Form                | Liquid                                                                                                          |
| Purification        | Affinity chromatography purification                                                                            |
| Isotype             | IgG                                                                                                             |
| Recommend Usage     | ELISA<br>Immunohistochemistry(1:50-1:200)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)                                                |
| Storage Instruction | Store at -20°C or -80°C.<br>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

Immunohistochemistry image of THBD recombinant monoclonal antibody, clone 15C7 diluted at 1:100 and staining in paraffin-embedded human placenta tissue performed on a Leica Bond<sup>TM</sup> system.

- 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](#)