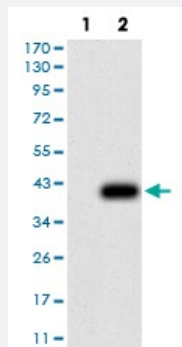


THBS1 monoclonal antibody, clone 5E2E2

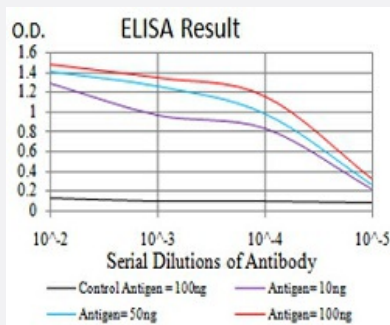
Catalog # MAB17275 Size 100 ug

Applications



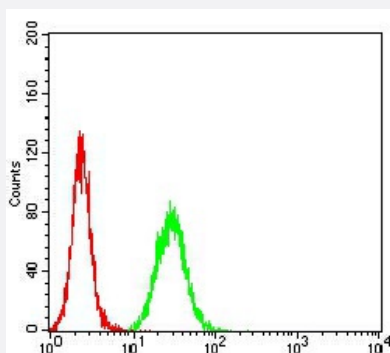
Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) THBS1-hlgGfC transfected HEK293 cell lysate.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of THBS1 monoclonal antibody, clone 5E2E2.



Flow Cytometry

Flow cytometric analysis of HeLa cells with THBS1 monoclonal antibody (green) and negative control (red).

Specification

Product Description

Mouse monoclonal antibody raised against recombinant human THBS1.

Immunogen	Recombinant protein corresponding to amino acid 750-850 of human THBS1 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	129kDa
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry Flow Cytometry (1:200-1:400) 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 should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) THBS1-hlgGfc transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of THBS1 monoclonal antibody, clone 5E2E2.

- Flow Cytometry

Flow cytometric analysis of HeLa cells with THBS1 monoclonal antibody (green) and negative control (red).

Gene Info — THBS1

Entrez GeneID	7057
Gene Name	THBS1
Gene Alias	THBS, TSP, TSP1

Gene Description	thrombospondin 1
Omim ID	188060
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a subunit of a disulfide-linked homotrimeric protein. This protein is an adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein can bind to fibrinogen, fibronectin, laminin, type V collagen and integrins alpha-V/beta-1. This protein has been shown to play roles in platelet aggregation, angiogenesis, and tumorigenesis. [provided by RefSeq]
Other Designations	thrombospondin-1p180

Pathway

- [Bladder cancer](#)
- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [p53 signaling pathway](#)
- [TGF-beta signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Angina Pectoris](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Chorioamnionitis](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)

- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neovascularization](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Rectal Neoplasms](#)
- [Werner syndrome](#)