



Rabbit Anti-Mouse THSD1 monoclonal antibody, clone S224 (CABT-ZB481)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Mouse THSD1
Target	THSD1
Immunogen	Recombinant Mouse THSD1 protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Clone	S224
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, ELISA(cap) This antibody will detect THSD1 in antibody pair set. [ABPR-ZB056]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Mouse THSD1.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL
Buffer	PBS

Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Thrombospondin type-1 domain-containing protein 1, also known as transmembrane molecule with thrombospondin module, THSD1 and TMTSP, is a single-pass type I membrane protein that contains one TSP type-1 domain. THSD1 is a multi-domain, multi-functional glycoprotein synthesized by many cells. Matricellular THSD1 modulates cell adhesion and proliferation. It is involved in angiogenesis, inflammation, wound healing and cancer. In vitro, nanomolar concentrations of Thrombospondin-1 are required to alter endothelial and vascular smooth muscle cell adhesion, proliferation, motility, and survival. As a major platelet protein, for a long time it was postulated to control hemostasis via platelet aggregate stabilization. THSD1 is a potent angiogenesis inhibitor, and down-regulation of THSD1 has been suggested to alter tumor growth by modulating angiogenesis in a variety of tumor types.
Keywords	THSD1; thrombospondin, type I, domain containing 1; thrombospondin, type I, domain 1; thrombospondin type-1 domain-containing protein 1

GENE INFORMATION

Synonyms	THSD1; thrombospondin, type I, domain containing 1; thrombospondin, type I, domain 1; thrombospondin type-1 domain-containing protein 1; TMTSP; 4833423O18Rik; transmembrane molecule with thrombospondin module; UNQ3010; MGC74971
Entrez Gene ID	56229
UniProt ID	Q9JM61
