

THBS1 Conjugated Antibody

Catalog No: #C38372

Package Size: #C38372-AF350 100ul #C38372-AF405 100ul #C38372-AF488 100ul

#C38372-AF555 100ul #C38372-AF594 100ul #C38372-AF647 100ul

#C38372-AF680 100ul #C38372-AF750 100ul #C38372-Biotin 100ul

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Description

Product Name	THBS1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total THBS1 antibody.
Immunogen Description	A synthetic peptide of human THBS1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	THBS; THBS-1; TSP; TSP-1; TSP1;
Accession No.	Swiss-Prot#:P07996NCBI Gene ID:7057
Uniprot	P07996
GeneID	7057;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	129
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

TSP1, also named as THBS1, THBS and TSP, is an adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions, and which can bind to fibrinogen, fibronectin, laminin, type V collagen and integrins alpha-V/beta-1, alpha-V/beta-3 and alpha-IIb/beta-3. TSP1 is a regulator of many biological processes including cell growth, adhesion, migration, platelet aggregation, and fibrin deposition and lysis. It interacts with a number of plasma proteins such as fibrinogen and plasminogen and co-polymerizes with fibrin in clot formation.

Note: This product is for in vitro research use only