



Anti-THBD monoclonal antibody, clone 602838 [Biotin] (DCABY-4278)

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

PRODUCT INFORMATION

Antigen Description	View Thrombomodulin IHC images.
Specificity	Detects human Thrombomodulin in ELISAs. In sandwich immunoassays, no cross-reactivity or interference with recombinant mouse Thrombomodulin, recombinant human Coagulation Factor II, VII, X, or XI is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Thrombomodulin/BDCA-3. Ala19-Ser515 Accession Number P07204
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	602838
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Biotin
Applications	ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None

Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	THBD thrombomodulin [Homo sapiens (human)]
Official Symbol	THBD
Synonyms	THBD; thrombomodulin; TM; THRM; AHUS6; BDCA3; CD141; THPH12; fetomodulin; CD141 antigen;
Entrez Gene ID	7056
Protein Refseq	NP_000352
UniProt ID	P07204
Chromosome Location	20p11.2
Pathway	Cell surface interactions at the vascular wall; Common Pathway; Complement and Coagulation Cascades; Complement and coagulation cascades; Formation of Fibrin Clot (Clotting Cascade); Hemostasis; Validated transcriptional targets of AP1 family members Fra1
Function	calcium ion binding; carbohydrate binding; protein binding; receptor activity; transmembrane signaling receptor activity;