

## Product datasheet for **AM31361AF-N**

### Thrombomodulin (THBD) Mouse Monoclonal Antibody [Clone ID: B-S24]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	B-S24
Applications:	ELISA
Recommended Dilution:	<b>ELISA.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Eahy 926 cell lines.
Specificity:	Recognises Thrombomodulin (TM), a 105 kDa protein.
Formulation:	0.22 µm Sterile-filtered PBS. Carrier and preservative free. State: Azide Free State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Ion Exchange Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to 12 months. For longer storage freeze aliquots.
Stability:	Shelf life: one year from despatch.
Gene Name:	thrombomodulin
Database Link:	<a href="#">Entrez Gene 7056 Human P07204</a>



[View online »](#)

<b>Background:</b>	CD141/Thrombomodulin is an exclusively endothelial cell surface glycoprotein that forms a 1:1 complex with thrombin. Binding of thrombin to this high-affinity receptor alters its specificity toward several substrates. The complex activates protein C approximately 1000 times faster than thrombin alone. Activated protein C degrades clotting factors V and VIII; thus, thrombomodulin converts thrombin into a physiologic anticoagulant. Thrombomodulin is also found in the circulatory and urinary systems, the physiologic significance of this is obscure.
<b>Synonyms:</b>	Thrombomodulin, THRM, Fetomodulin
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Complement and coagulation cascades