



# Rabbit Anti-Human THBD Monoclonal Antibody, Clone S12-5G5 (DMAB-JX2361777)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	S12-5G5
<b>Purification</b>	Affinity Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	<p>ELISA (Capture)</p> <p>We recommend the following as antibody pair (Capture - Detection): DMAB-JX2361777-DMAB-JX2361778</p> <p>Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.</p>
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg
<b>Buffer</b>	0.01M PBS, pH 7.2
<b>Preservative</b>	None

<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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<b>Ship</b>	Wet ice
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## BACKGROUND

<b>Introduction</b>	Thrombomodulin (TM), also called CD141, is a type I membrane receptor that is specific to endothelial cells. TM has a cysteine-rich extracellular domain with six EGF-like regions. It forms a complex with Thrombin, which activates Protein C to generate activated Protein C (APC), an anticoagulant enzyme. APC together with Protein S inhibits coagulation by inactivating Factors Va and VIIIa. Deletion of the TM gene results in embryonic lethality in mice.
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">7056</a>
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<b>UniProt ID</b>	<a href="#">P07204</a>
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