

## Product datasheet for **DM315-05**

### Thrombospondin 1 (THBS1) Mouse Monoclonal Antibody [Clone ID: A6.1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	A6.1
Applications:	IF, IHC, WB
Recommended Dilution:	<b>Immunofluorescence.</b> <b>Immunoprecipitation.</b> <b>Western Blot.</b> <b>Immunohistochemistry on Paraffin Embedded Sections:</b> Use a dilution of 1/25-1/50 in an ABC method (30 minutes at room temperature). Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining. <b>Recommended Positive Control:</b> Tonsil.
Reactivity:	Mammalian
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	BALB/C mice were injected with reduced and alkylated purified human TSP (fully denatured) from the supernatant of thrombin-activated platelets.
Specificity:	This antibody is specific to 450 kDa protein (non-reduced) and 170 to 180 kDa (reduced) form of Thrombospondin. <b>Cellular Localization:</b> Secretory granules, Golgi complex, endoplasmic reticulum.
Formulation:	State: Purified State: Liquid purified Ig fraction Preservative: Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	thrombospondin 1
Database Link:	<a href="#">P07996</a>

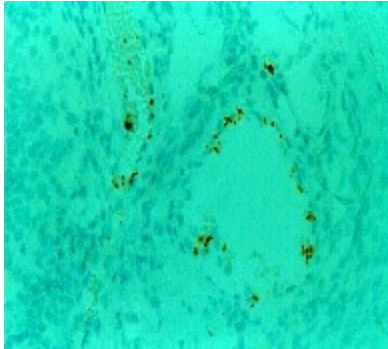


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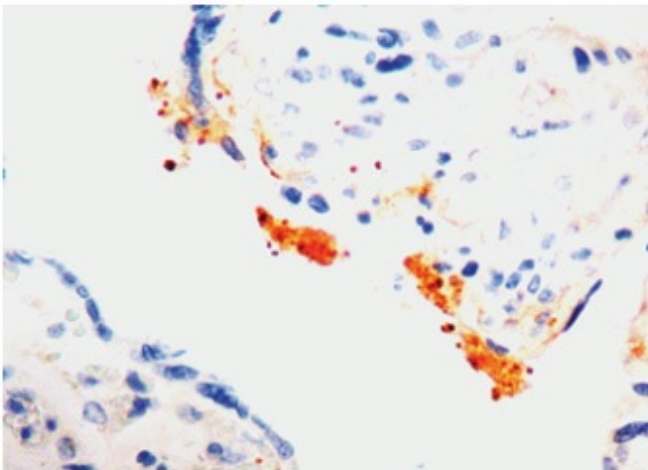
**Background:** Thrombospondin is a protein from platelet a granules. It is secreted at sites of platelet activation and aggregation and is involved in the differentiation of leukocytes, fibroblasts, smooth muscle and endothelial cells.

**Synonyms:** TSP, TSP1

**Product images:**



Formalin Fixed Paraffin Embedded Human tonsil stained with Thrombospondin Antibody Cat.-No DM315 (Clone A6.1).



Formalin Fixed Paraffin Embedded Human placenta stained with Thrombospondin Antibody Cat.-No DM315 (Clone A6.1).