

## Product Datasheet

### Thrombospondin Antibody (orb167695)

<b>Catalog Number</b>	orb167695
<b>Category</b>	Antibodies
<b>Description</b>	Goat polyclonal antibody to THBS1.
<b>Target</b>	Thrombospondin
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Goat
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse
<b>Predicted Reactivity</b>	Bovine, Rat
<b>Buffer/Preservatives</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Protein Sequence</b>	NRIPESGGDNSVFD
<b>MW</b>	129
<b>Tested applications</b>	ELISA, FC, IF, IHC, WB
<b>Dilution range</b>	ELISA: 1:128000, WB: 0.3-1 µg/ml, IHC-P: 5 µg/ml

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**Application notes**

WB: Approx 150kDa band observed in Mouse Kidney lysates (calculated MW of 129kDa according to NP\_035710.2). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.. IHC: Paraffin embedded Human Spleen. Recommended concentration: 5µg/ml.. Notes: Immunofluorescence: Strong expression of the protein seen in the cytoplasm of HeLa and HepG2 cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

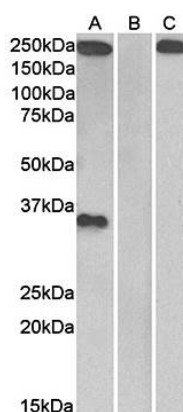
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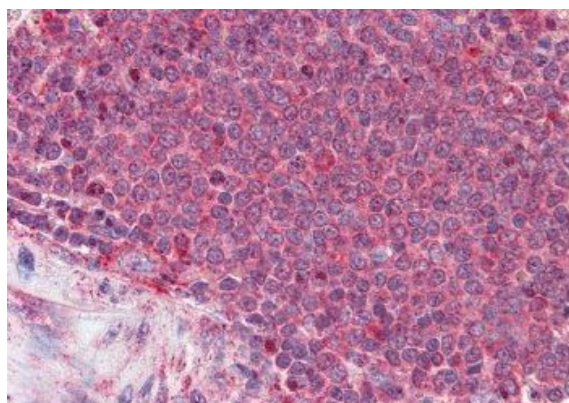
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**Expiration Date**

12 months from date of receipt.



Western blot analysis of HEK293 lysate (10ug protein in RIPA buffer) using THBS1 antibody



Immunohistochemical staining of Human Spleen using THBS1 antibody

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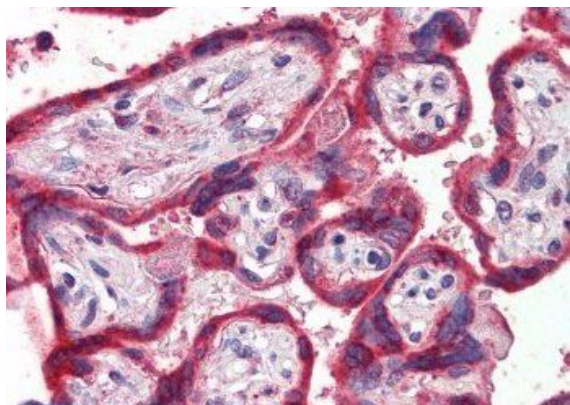
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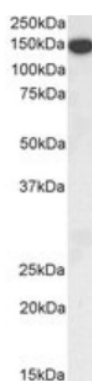
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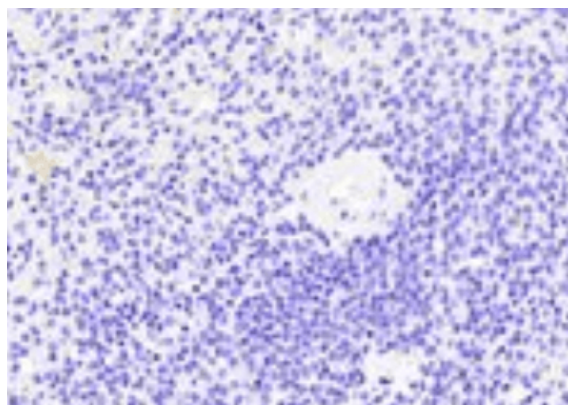
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Immunohistochemical staining of Human Placenta using THBS1 antibody



Western blot analysis of Mouse Kidney lysate using THBS1 antibody



Immunohistochemical staining of Human Spleen using THBS1 antibody

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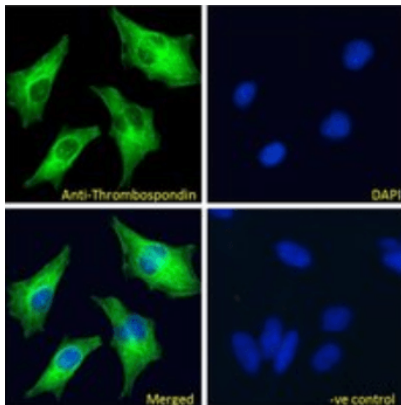
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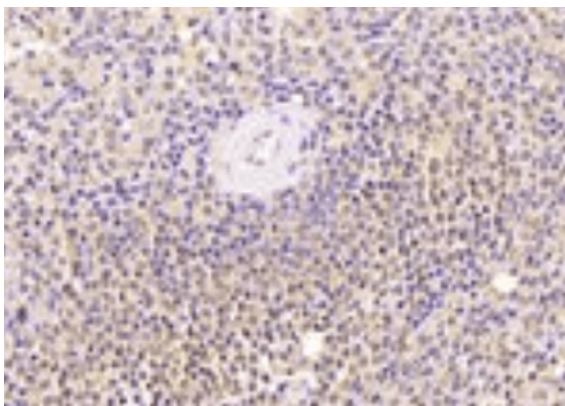
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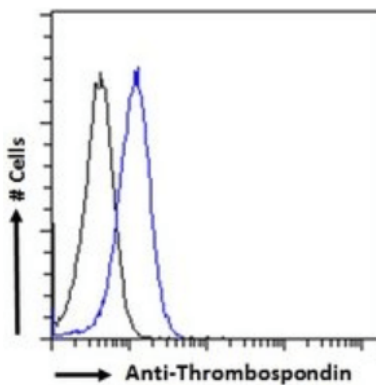
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Immunofluorescence analysis of paraformaldehyde fixed HeLa cells using THBS1 antibody



Immunohistochemical staining of Human Spleen using THBS1 antibody



Flow cytometric analysis of paraformaldehyde fixed A431 cells using THBS1 antibody

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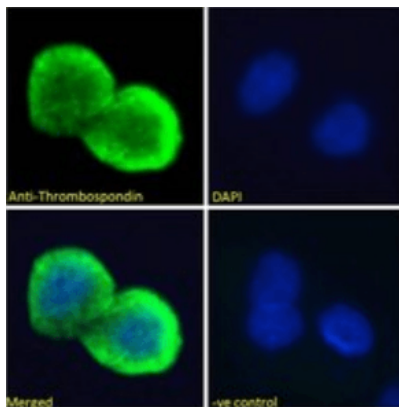
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Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells using THBS1 antibody

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