

# Product Datasheet

## Thrombospondin-1 Antibody

### NBP1-52410

Unit Size: 0.05 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-52410**

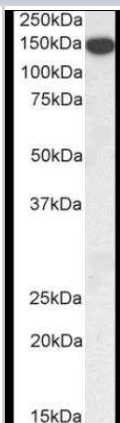
## Thrombospondin-1 Antibody

Product Information	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	TBS (pH 7.3) and 0.5% BSA
Product Description	
<b>Description</b>	Novus Biologicals Goat Thrombospondin-1 Antibody (NBP1-52410) is a polyclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	7057
<b>Gene Symbol</b>	THBS1
<b>Species</b>	Human, Mouse, Porcine, Bovine, Equine, Monkey
<b>Immunogen</b>	Peptide with sequence NRIPESGGDNSVFD-C, from the N Terminus of the Thrombospondin-1 protein sequence according to NP_003237.2.
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.3-1 ug/ml, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA 1:128000
<b>Application Notes</b>	IHC: NBP1-52410 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. Thrombospondin-1 antibody validated for FLOW from a verified customer review..

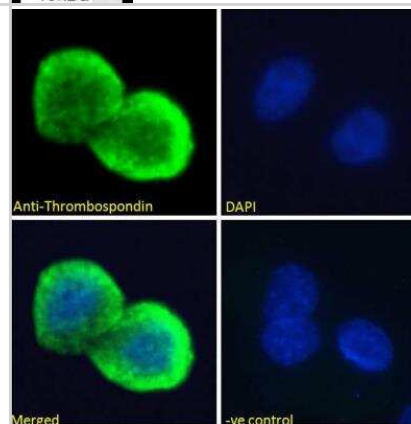


## Images

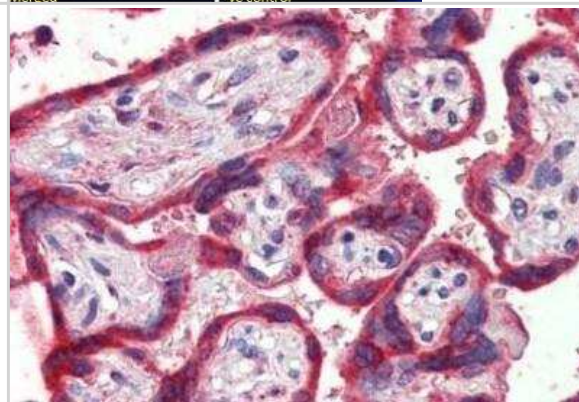
Western Blot: Thrombospondin-1 Antibody [NBP1-52410] - (1ug/ml) staining of Mouse Kidney lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



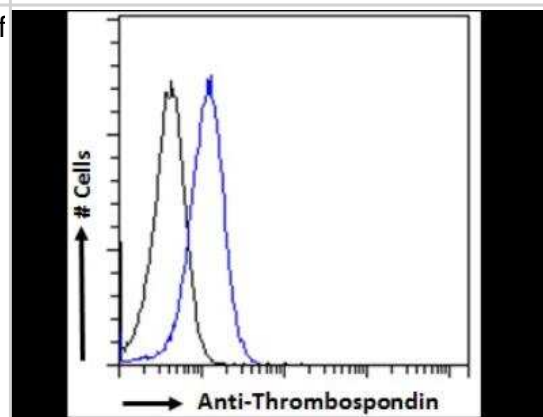
Immunocytochemistry/Immunofluorescence: Thrombospondin-1 Antibody [NBP1-52410] - Analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic/Plasma Membrane staining.



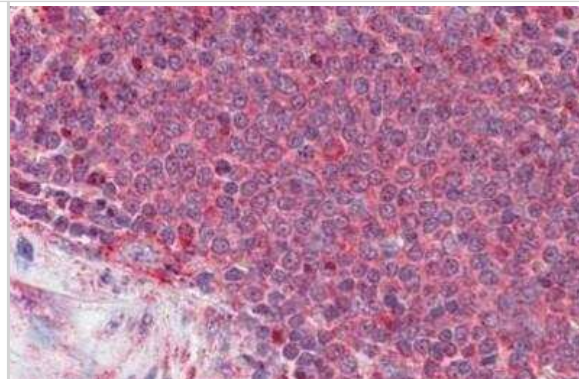
Immunohistochemistry-Paraffin: Thrombospondin-1 Antibody [NBP1-52410] - Analysis of anti-THBS1 / Thrombospondin antibody with human placenta at concentration 3.75 ug/ml.



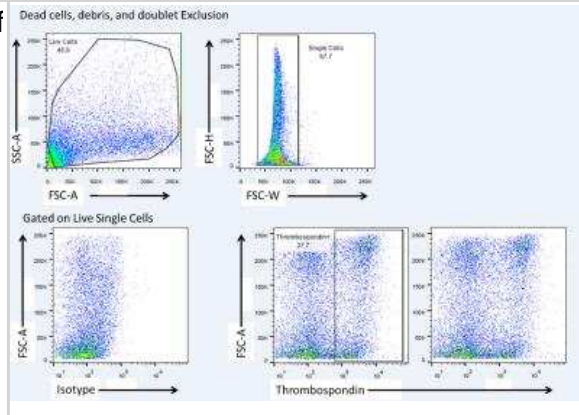
Flow Cytometry: Thrombospondin-1 Antibody [NBP1-52410] - Analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunohistochemistry-Paraffin: Thrombospondin-1 Antibody [NBP1-52410] - Analysis of anti-THBS1 / Thrombospondin antibody with human spleen at concentration 3.75 ug/ml.



Flow Cytometry: Thrombospondin-1 Antibody [NBP1-52410] - Analysis of anti-THBS1 / Thrombospondin antibody with Spleenocytes. Image submitted by a verified customer review.





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### **Products Related to NBP1-52410**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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