

## Thrombospondin 2 antibody

Cat. No. GTX134554

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human

Package  
100 µl, 25 µl

## PRODUCT

## Summary

Thrombospondin 2, also known as THBS2 and TSP2, is a secreted glycoprotein with a predicted molecular weight of 130 kDa. THBS2 mediates cell-to-cell and cell-to-matrix interactions, and can be expressed together with CA 19-9 in patients with early pancreatic ductal adenocarcinoma.

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	Assay dependent

Not tested in other applications.

Calculated MW 130 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	2.6 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human Thrombospondin 2. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography. Glycerol PBS ProClin
Conjugation	Unconjugated



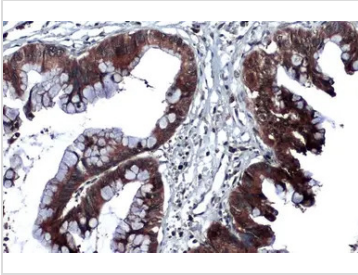
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**Note**

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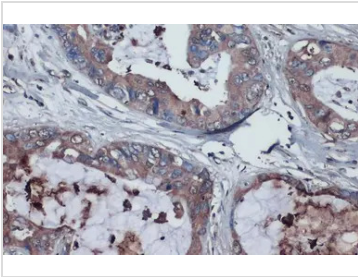
**DATA IMAGES**

**GTX134554 IHC-P Image**

Thrombospondin 2 antibody detects Thrombospondin 2 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded human pancreatic cancer.

Thrombospondin 2 stained by Thrombospondin 2 antibody (GTX134554) diluted at 1:1000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

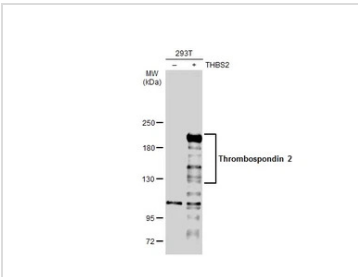

**GTX134554 IHC-P Image**

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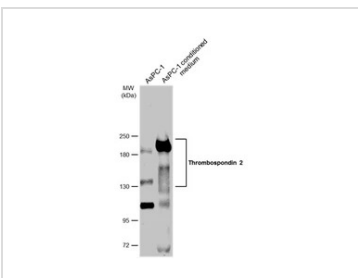
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Thrombospondin 2 stained by Thrombospondin 2 antibody (GTX134554) diluted at 1:1000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX134554 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with Thrombospondin 2 antibody (GTX134554) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX134554 WB Image**

AsPC-1 whole cell extract and conditioned medium (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with Thrombospondin 2 antibody (GTX134554) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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