

# Product Datasheet

## Thromboxane synthase Antibody (OTI2C1) NBP2-02710

Unit Size: 0.1 ml

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

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**NBP2-02710**

Thromboxane synthase Antibody (OTI2C1)

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.86 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI2C1
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	60.5 kDa

**Product Description**

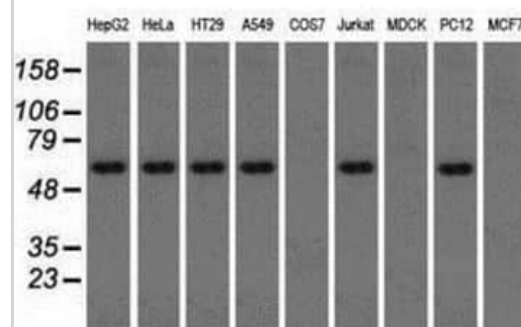
<b>Host</b>	Mouse
<b>Gene ID</b>	6916
<b>Gene Symbol</b>	TBXAS1
<b>Species</b>	Human, Rat
<b>Immunogen</b>	Full length human recombinant protein of human TBXAS1(NP_001052) produced in HEK293T cell.

**Product Application Details**

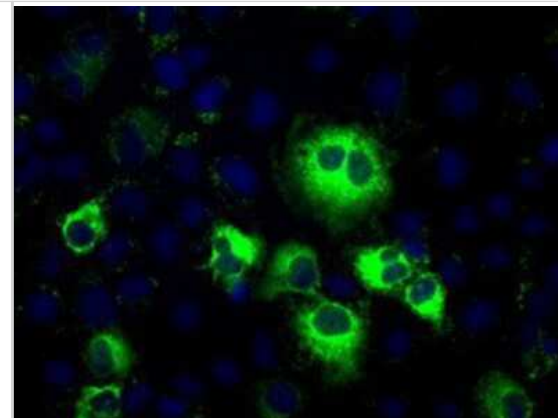
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000-2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50

**Images**

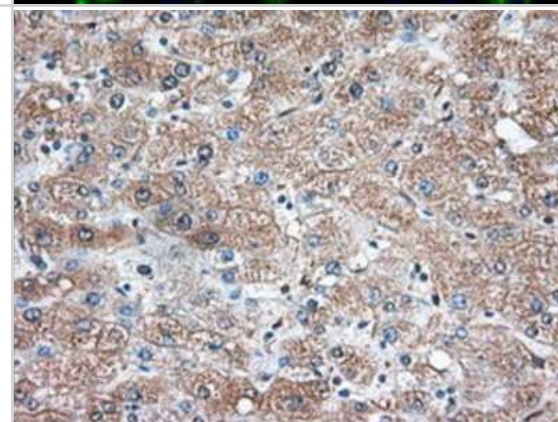
Western Blot: Thromboxane synthase Antibody (2C1) [NBP2-02710]  
Analysis of extracts (35ug) from 9 different cell lines by using anti-Thromboxane synthase monoclonal antibody.



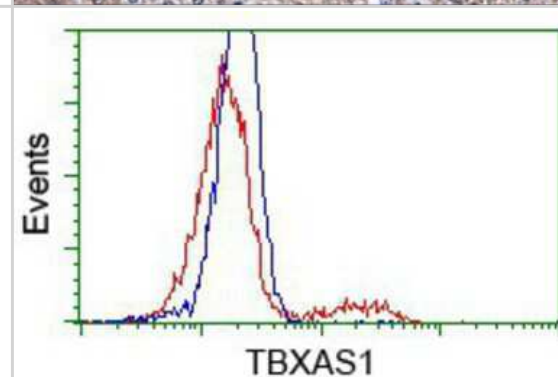
Immunocytochemistry/Immunofluorescence: Thromboxane synthase Antibody (2C1) [NBP2-02710] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Thromboxane synthase.



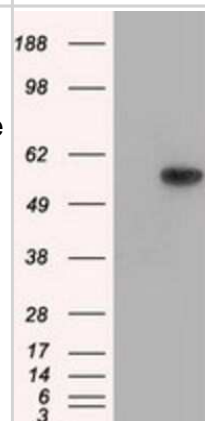
Immunohistochemistry-Paraffin: Thromboxane synthase Antibody (2C1) [NBP2-02710] - Staining of paraffin-embedded Human liver tissue using anti-Thromboxane synthase mouse monoclonal antibody.



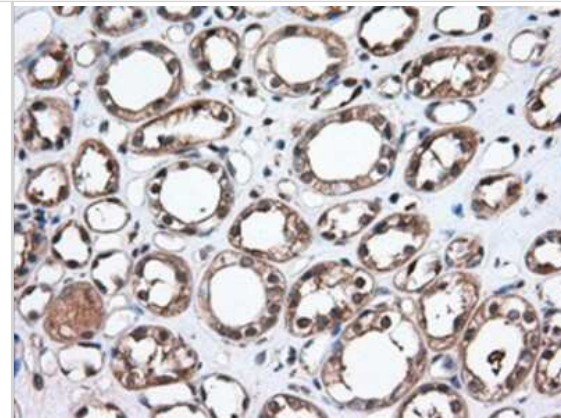
Flow Cytometry: Thromboxane synthase Antibody (2C1) [NBP2-02710] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-Thromboxane synthase antibody, and then analyzed by flow cytometry.



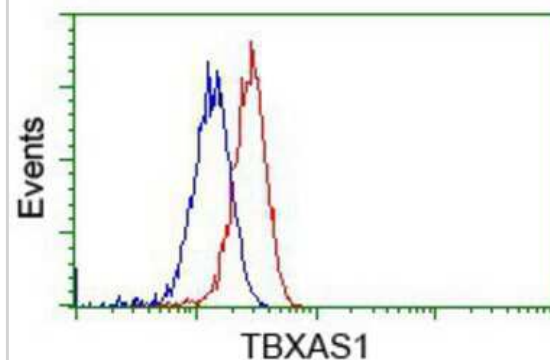
Western Blot: Thromboxane synthase Antibody (2C1) [NBP2-02710] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Thromboxane synthase (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Thromboxane synthase.



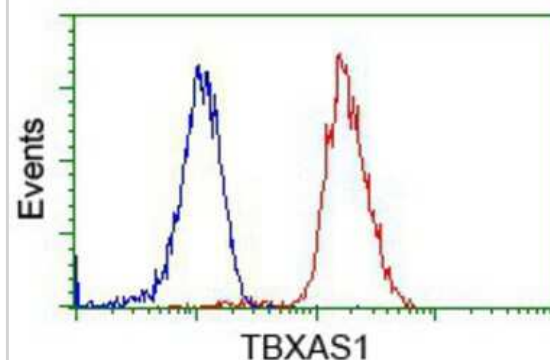
Immunohistochemistry-Paraffin: Thromboxane synthase Antibody (2C1) [NBP2-02710] - Staining of paraffin-embedded Human Kidney tissue using anti-Thromboxane synthase mouse monoclonal antibody.



Flow Cytometry: Thromboxane synthase Antibody (2C1) [NBP2-02710] - Analysis of Hela cells, using anti-Thromboxane synthase antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: Thromboxane synthase Antibody (2C1) [NBP2-02710] - Analysis of Jurkat cells, using anti-Thromboxane synthase antibody, (Red), compared to a nonspecific negative control antibody (Blue).



## Publications

Valkonen, S;Holopainen, M;Colas, RA;Impola, U;Dalli, J;Kakela, R;Siljander, PR;Laitinen, S; Lipid mediators in platelet concentrate and extracellular vesicles: Molecular mechanisms from membrane glycerophospholipids to bioactive molecules Biochim Biophys Acta Mol Cell Biol Lipids 2019-04-10 [PMID: 30980920] (WB, Human)



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### **Products Related to NBP2-02710**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-33948PEP	Thromboxane synthase Recombinant Protein Antigen

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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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