

Product Datasheet

Thrombospondin Antibody (orb1248272)

Catalog Number	orb1248272
Category	Antibodies
Description	Thrombospondin Antibody
Target	Thrombospondin
Clonality	Polyclonal
Species/Host	Goat
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Bovine, Rat
Form/Appearance	Liquid
Concentration	500 ug/mL
Buffer/Preservatives	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.
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Immunogen	The immunogen for this antibody is: NRIPESGGDNSVFD-C
UniProt ID	P07996
Tested applications	ELISA, FC, IF, IHC, WB

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Application notes

Peptide ELISA: antibody detection limit dilution 1:128000. Western Blot: 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. Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 5µg/mL. 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: 10µg/mL.

Antibody Type

Primary Antibody

Modifications

None

Storage

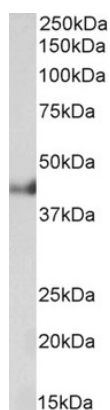
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

For research use only

NCBI[NP_003237.2](#)**Expiration Date**

12 months from date of receipt.



orb1248272 (1 ug/ml) staining of Mouse Kidney lysate (35 ug protein in RIPA buffer). Detected by chemiluminescence.

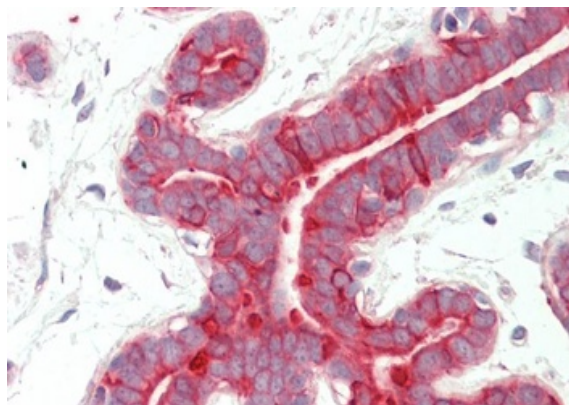
Biorbyt Ltd.

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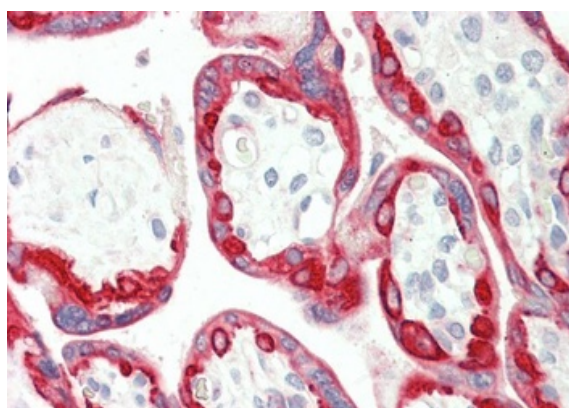
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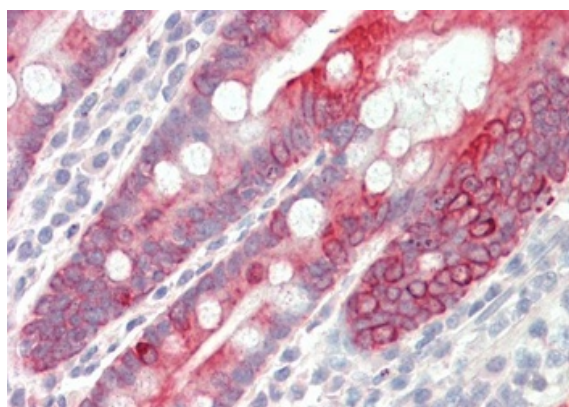
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orb1248272 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/ml) followed by Alexa Fluor 488 secondary antibody (4 ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI.



orb1248272 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/ml) followed by Alexa Fluor 488 secondary antibody (4 ug/ml), showing cytoplasmic/Plasma Membrane staining.



orb1248272 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/ml) followed by Alexa Fluor 488 secondary antibody (2 ug/ml). IgG control: Unimmunized goat IgG (black line).

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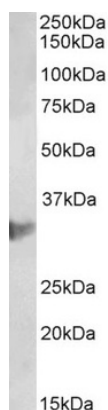
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

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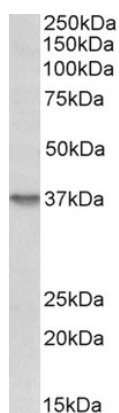
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orb1248272 (5 ug/ml) staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



orb1248272 Negative Control showing staining of paraffin embedded Human Spleen, with no primary antibody.

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