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Research Use Only. Not for diagnostic or therapeutic use.

EB09152 - Goat Anti-Thrombospondin Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: THBS1, thrombospondin 1, THBS, TSP, TSP1, thrombospondin-1p180
Official Symbol: THBS1
Accession Number(s): NP_003237.2
Human GeneID(s): 7057

Immunogen

Peptide with sequence NRIPESGGDNSVFD-C, from the N Terminus of the protein sequence according to NP_003237.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

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.
IHC: Paraffin embedded Human Spleen. Recommended concentration: 5µg/ml.

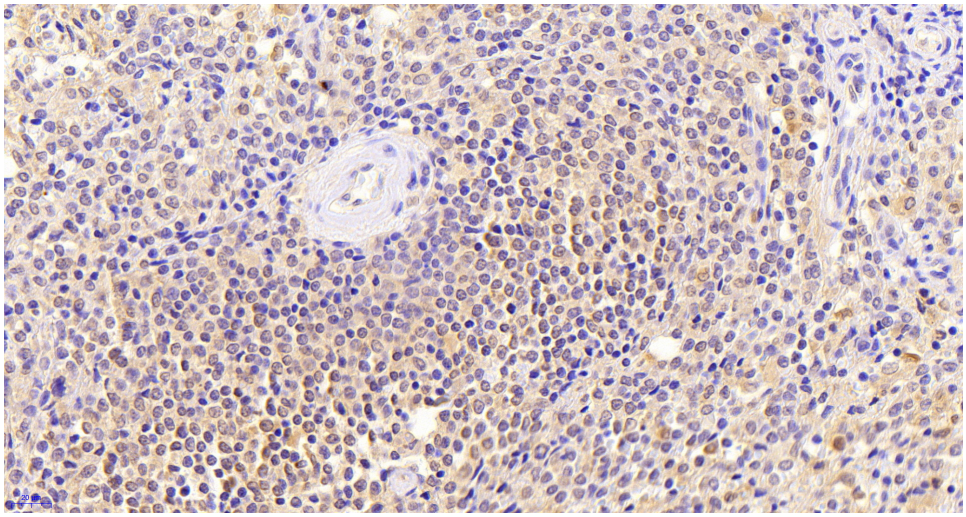
Immunofluorescence: Strong expression of the protein seen in the cytoplasm of HeLa and HepG2 cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

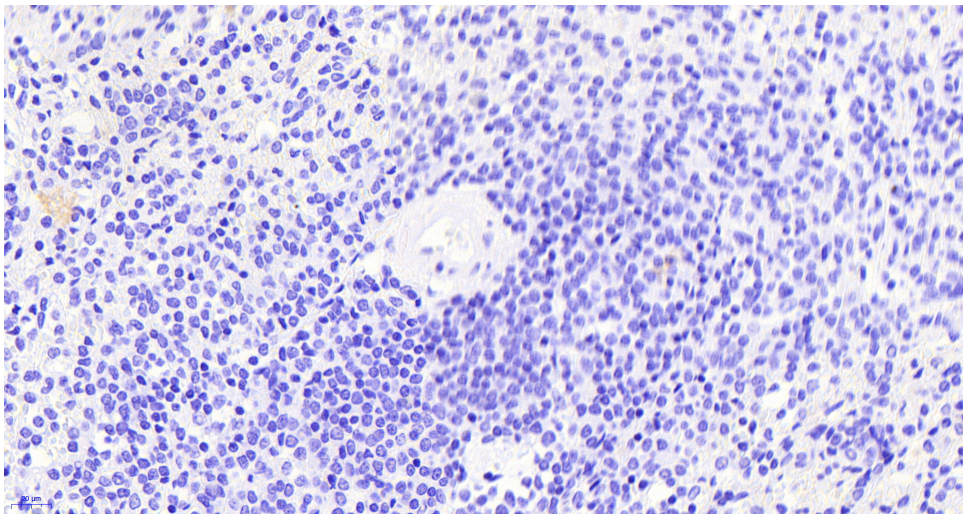
Species Reactivity

Tested: Human, Mouse
Expected from sequence similarity: Human, Mouse, Rat, Cow

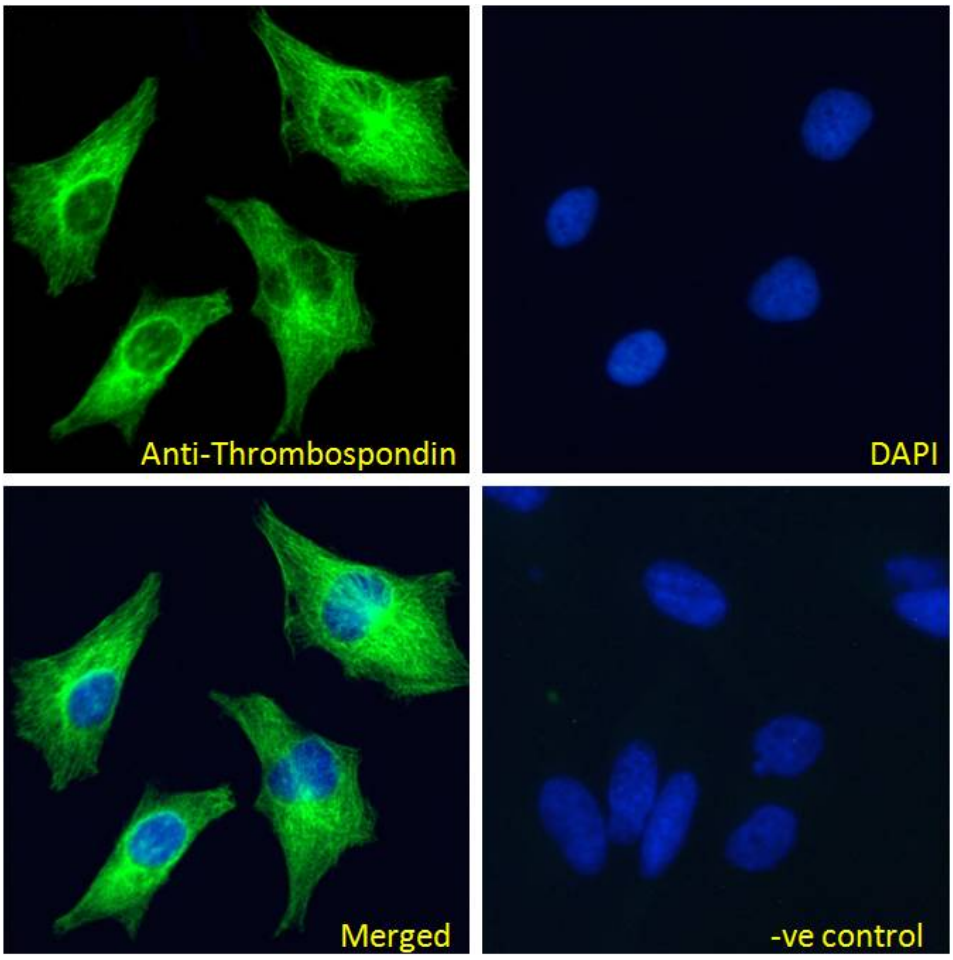
EB09152 (1µg/ml) staining of Mouse Kidney lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



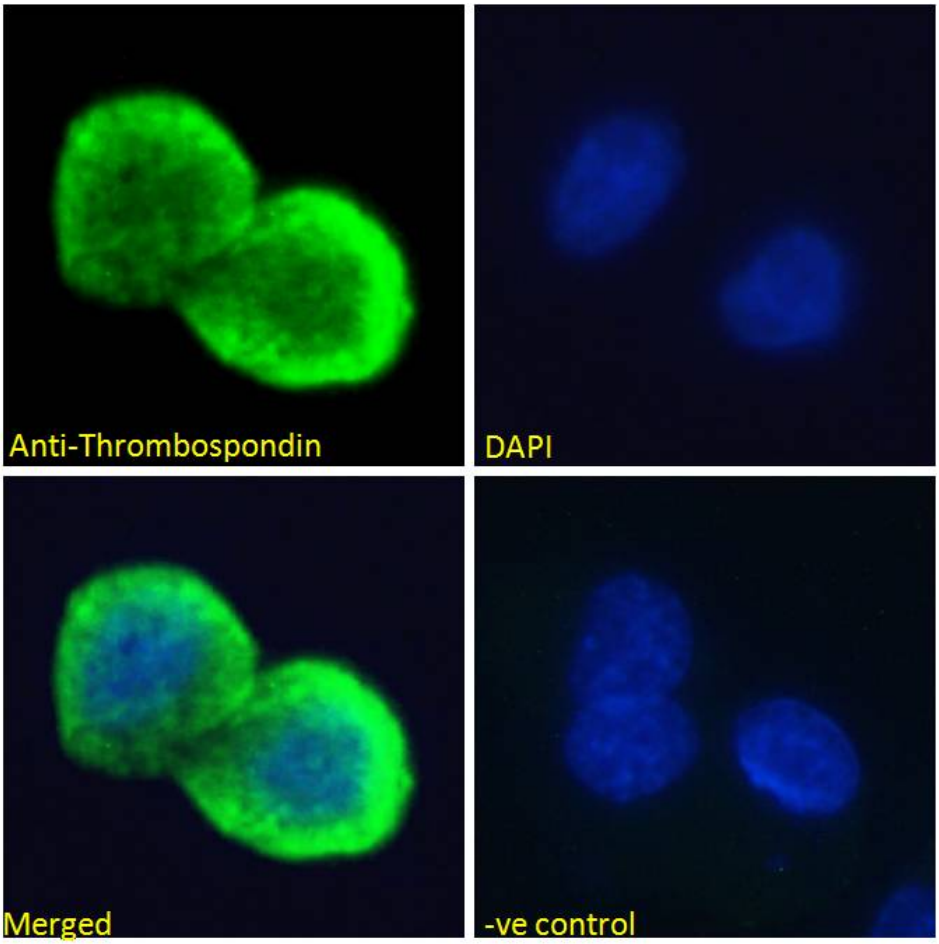
EB09152 (5µg/ml) staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



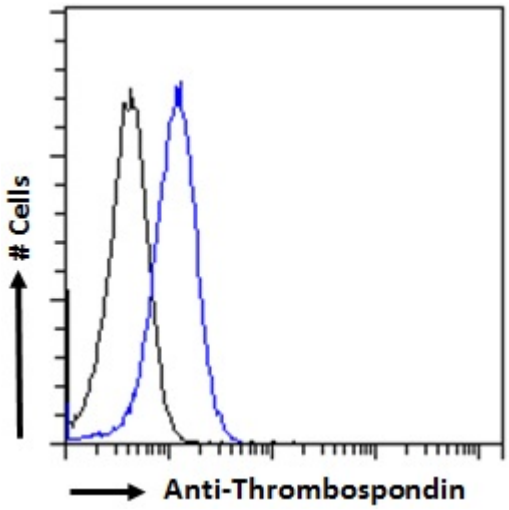
EB9152 Negative Control showing staining of paraffin embedded Human Spleen, with no primary antibody.



EB09152 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).



EB09152 Immunofluorescence 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. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).



EB09152 Flow cytometric 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.