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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09683 - Goat Anti-FBN1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FBN1, fibrillin 1, FBN, MASS, MFS1, OCTD, SGS, WMS, fibrillin 15

Official Symbol: FBN1

Accession Number(s): NP_000129.3

Human GeneID(s): [2200](#)

Non-Human GeneID(s): 14118 (mouse), 83727 (rat)

Immunogen

Peptide with sequence C-DASNIEDQSETEAN, from the Internal region of the protein sequence according to NP_000129.3.

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 1:4000.

Western blot: Preliminary experiments in Human Brain (Cerebellum), Heart, Kidney, Skeletal Muscle and Skin lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml).

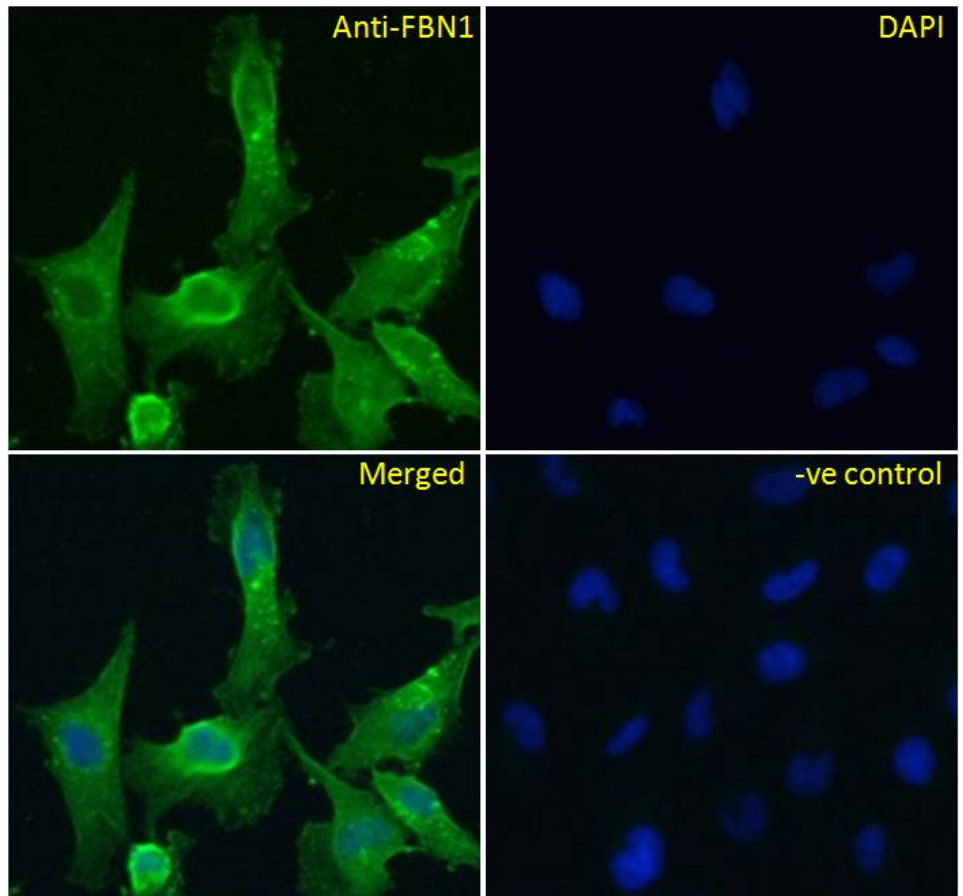
Immunofluorescence: Strong expression of the protein seen in the cytoplasm of U251 and Jurkat cells. Recommended concentration: 10µg/ml.

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

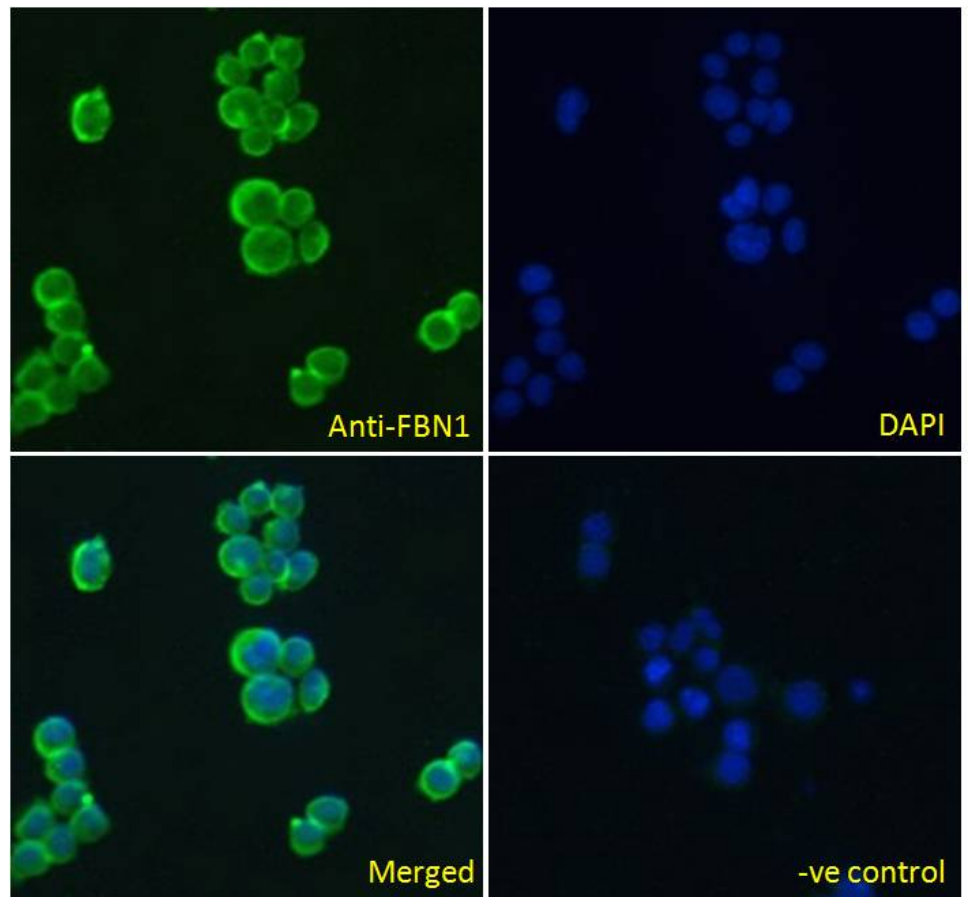
Species Reactivity

Tested: Human

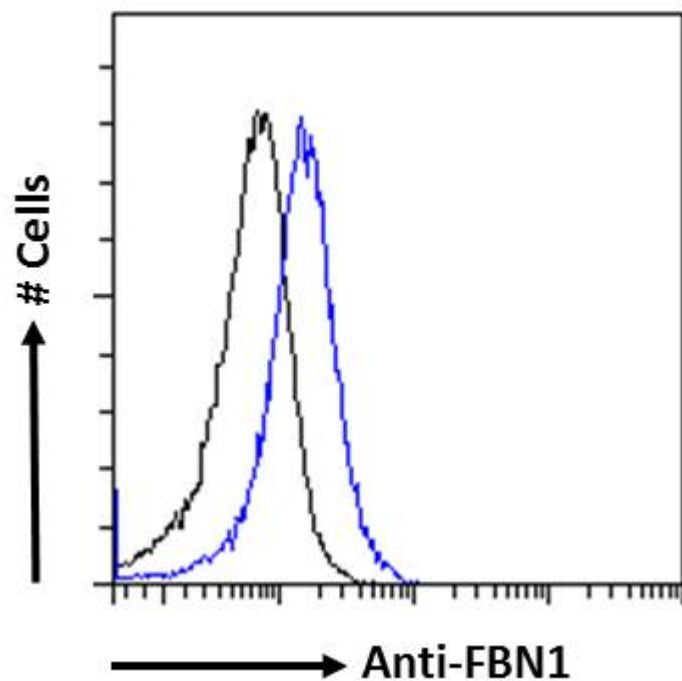
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB09683 Immunofluorescence analysis of paraformaldehyde fixed U251 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).



EB09683 Immunofluorescence analysis of paraformaldehyde fixed Jurkat 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).



EB09683 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (0.4ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.