

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB05588 - Goat Anti-FSTL1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FSTL1, follistatin-like 1, FRP, FSL1, follistatin-related protein, FLJ50214, FLJ52277 Official Symbol: FSTL1 Accession Number(s): NP_009016.1 Human GeneID(s): <u>11167</u>

Immunogen

Peptide with sequence C-TAEKTKRVSTKEI, from the C Terminus of the protein sequence according to NP_009016.1.

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 1:16000.

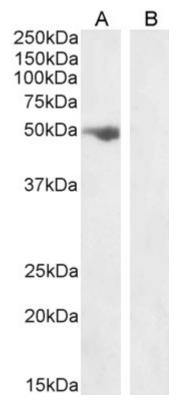
Western blot: Approx 50kDa band obseerved in Human Ovary lysates. (calculated MW of 35.0kDa according to NP_009016.1). This band corresponds to earlier findings from other sources and was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

Immunofluorescence: Strong expression of the protein seen in the cytoplasm and vesicles of A431 cells. Recommended concentration: 10µg/ml.

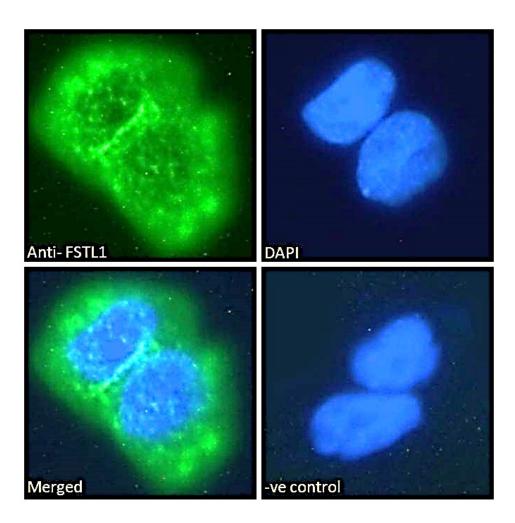
Flow Cytometry: Flow cytometric analysis of A549 cells. Recommended concentration: 10ug/ml.

Species Reactivity

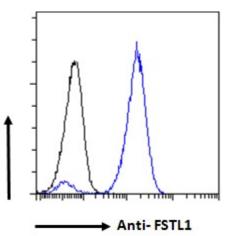
Tested: Human Expected from sequence similarity: Human



EB05588 (1ug/ml) staining of Human Ovary lysate (A) + peptide (B) (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB05588 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB05588 Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.