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Research Use Only. Not for diagnostic or therapeutic use.

EB09285 - Goat Anti-DLL1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DLL1, delta-like 1 (Drosophila), DELTA1, DL1, Delta, OTTHUMP00000017690, delta (Drosophila)-like 1, delta-like 1, delta-like 1 protein Official Symbol: DLL1 Accession Number(s): NP_005609.3 Human GeneID(s): <u>28514</u> Non-Human GeneID(s): 13388 (mouse), 84010 (rat)

Immunogen

Peptide with sequence C-ATQRHLTVGEEWSQD, from the internal region of the protein sequence according to NP_005609.3.

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 1:16000.

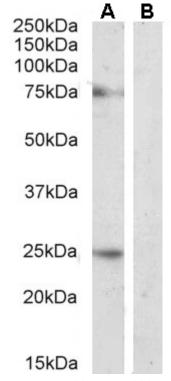
Western blot: Approx 75kDa band observed in Mouse Heart and Rat Pancreas lysates (calculated MW of 78.5kDa according to Mouse NP_031891.2 and 77.4kDa according to Rat NP_114452.1). An additional band of unknown identity was also consistently observed at 25kDa. This band was successfully blocked by incubation with the immunizing peptide. Recommended concentration:0.3-7µg/ml. Primary incubation 1 hour at room temperature.

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

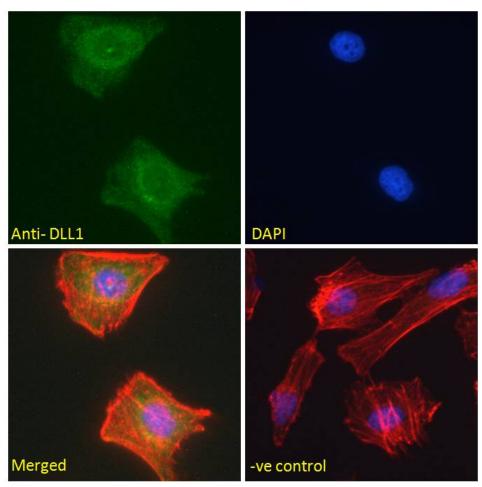
Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

Species Reactivity

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

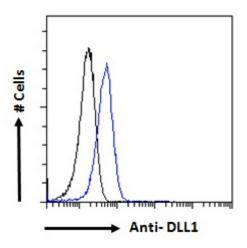


EB09285 (2µg/ml) staining of Rat Pancreas lysate (A) + Peptide (B) (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB09285 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing

cytoplasmic/membrane staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB09285 Flow cytometric analysis of paraformaldehyde fixed HeLa 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.