



## International Office

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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 GenelD(s):** [28514](#)

**Non-Human GenelD(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.

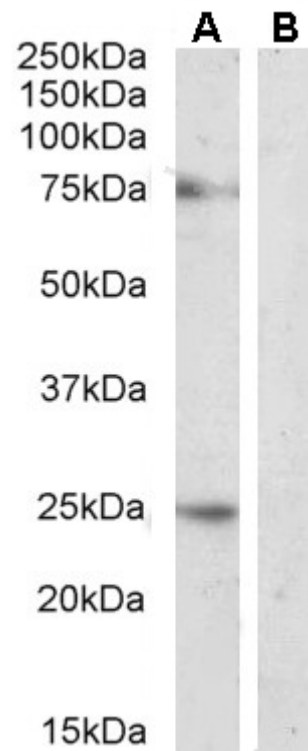
**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm/ membranes of HeLa cells. Recommended concentration: 10µg/ml.

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

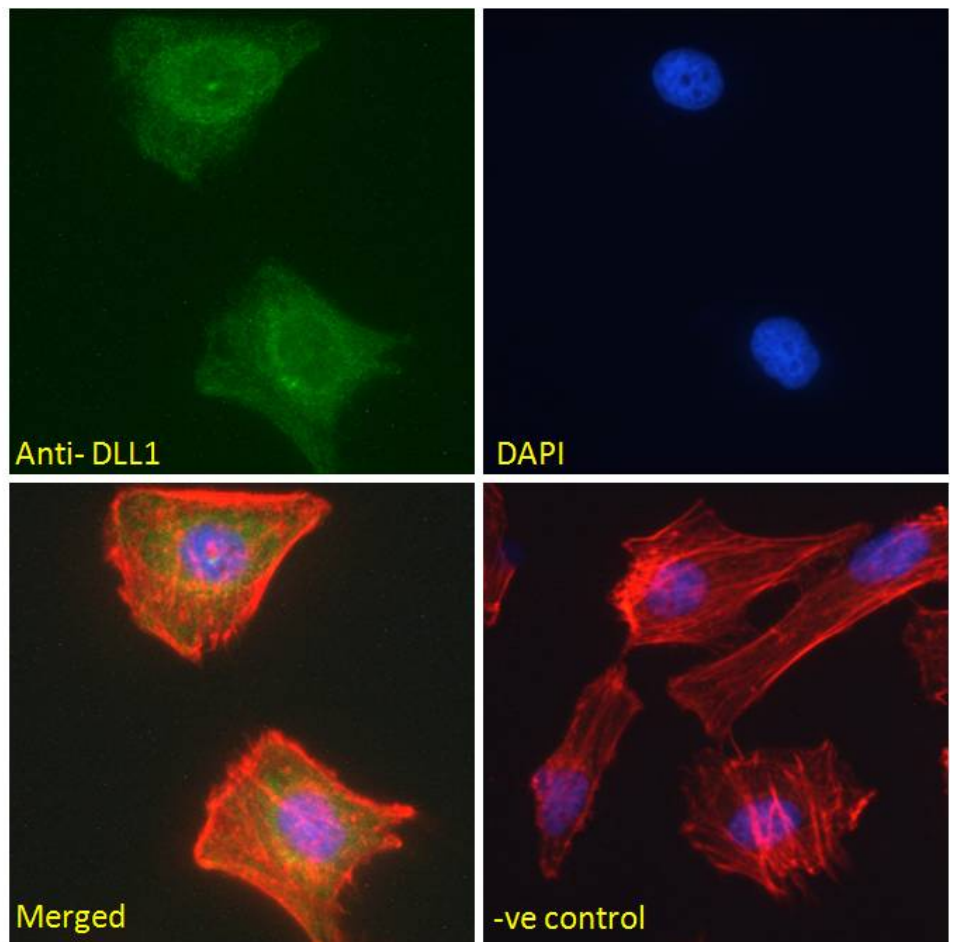
### Species Reactivity

**Tested:** Human, Rat

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

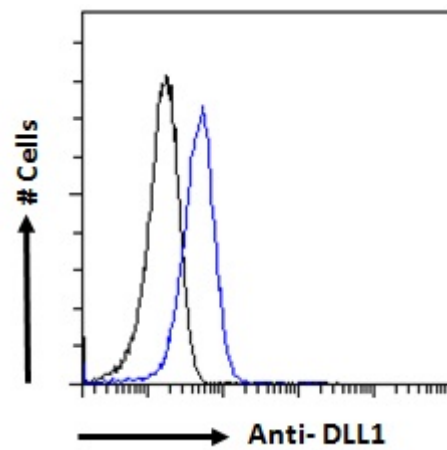


EB09285 (2µg/ml) staining of Rat Pancreas lysate (A) + Peptide (B) (35µg protein in RIPA buffer). Detected by chemiluminescence.



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.