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

## EB12666 - Goat Anti-VE-cadherin (aa537-549) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CDH5, cadherin 5, type 2 (vascular endothelium), 7B4, CD144, 7B4 antigen, VE-cadherin, cadherin 5, type 2, VE-cadherin (vascular epithelium), cadherin-5, cd144 antigen, endothelial-specific cadherin, vascular endothelial cadherin

**Official Symbol:** CDH5

**Accession Number(s):** NP\_001786.2

**Human GeneID(s):** [1003](#)

### Immunogen

Peptide with sequence C-TVKYGQFDREHTK, from the internal region of the protein sequence according to NP\_001786.2.

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 1:32000.

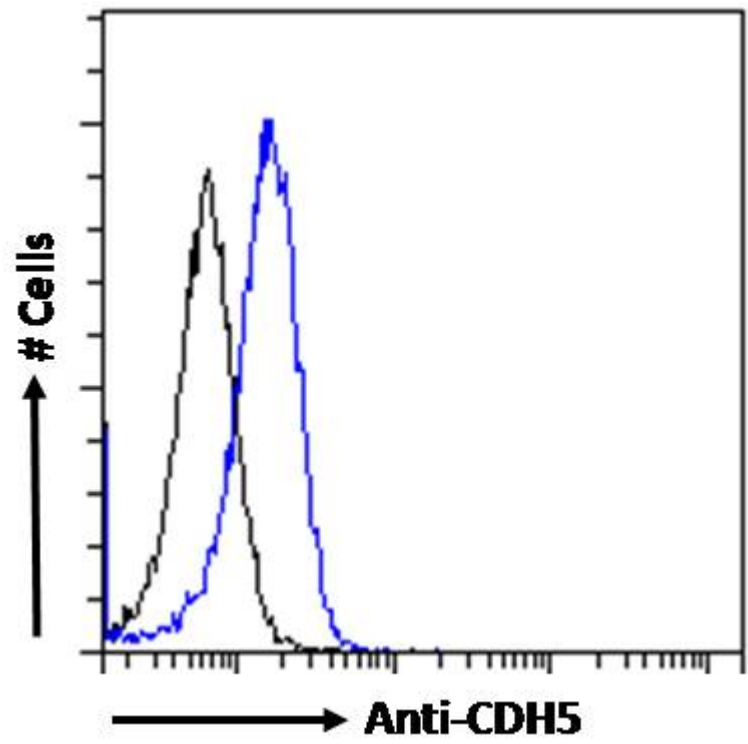
**Western blot:** Preliminary experiments gave an approx 100kDa band in lysates of cell line HeLa and approx. 110kDa in A549 at 1-2µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observed, given the calculated size of 87.5kDa according to NP\_001786.2.

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

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB12666 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.