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

EB12667 - Goat Anti-VE-cadherin 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-KQARAHGKSVPE, 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 1:128000.

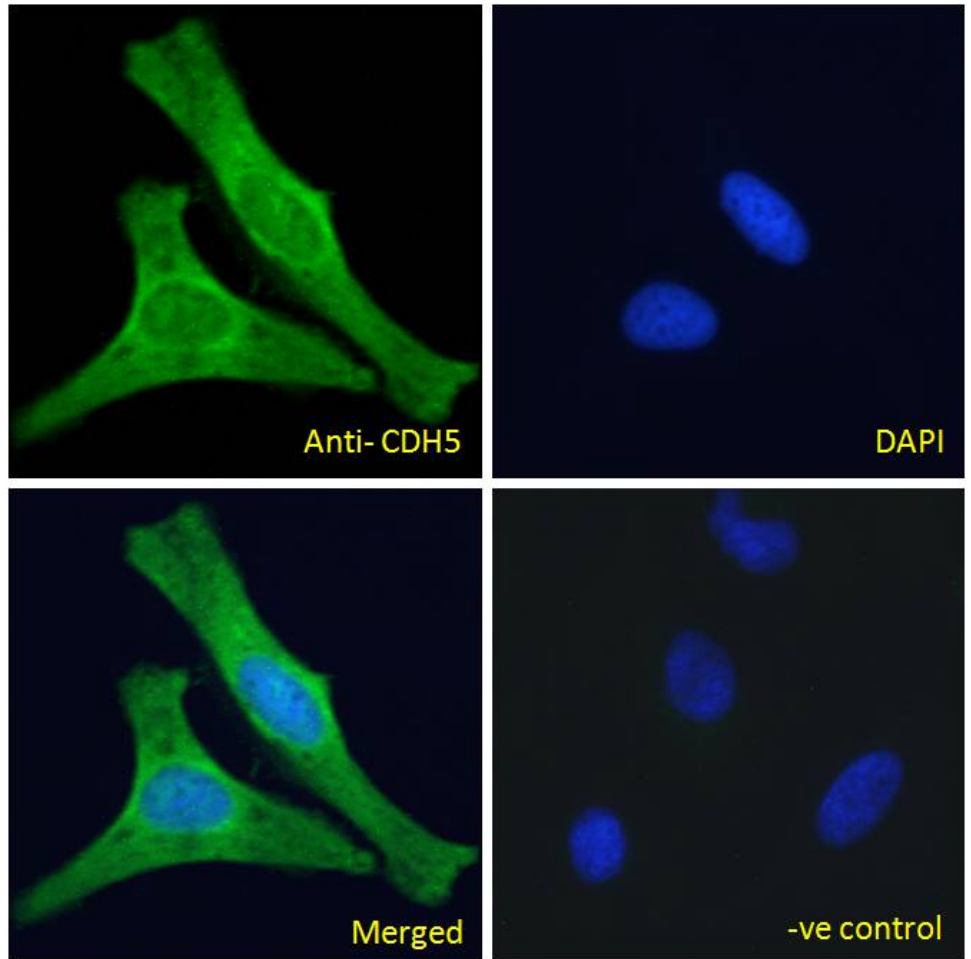
Immunofluorescence: Strong expression of the protein seen in the cytoplasm of HeLa cells. Recommended concentration: 10µg/ml.

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

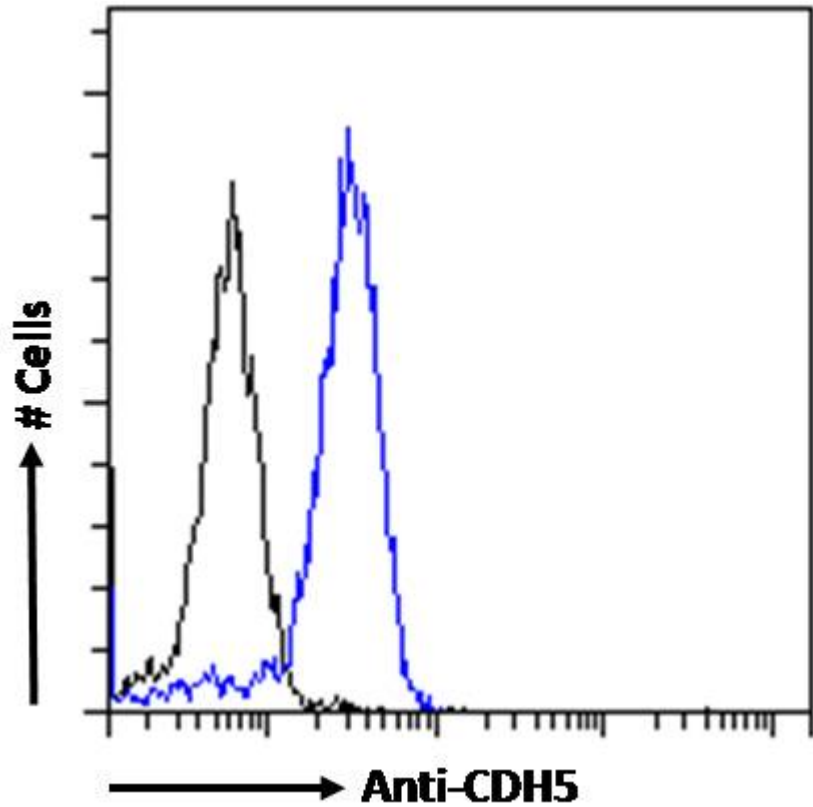
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Pig, Cow



EB12667 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 staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB12667 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.