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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): <u>1003</u>

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

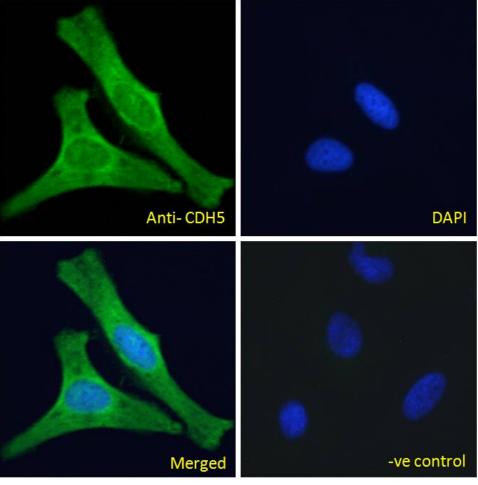
Peptide ELISA: antibody detection limit dilution 1:128000.

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

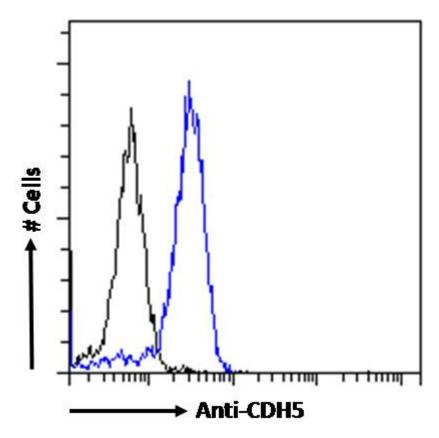
Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

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.