

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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

EB11206 - Goat Anti-CDH1 (aa662-675) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Arc-1, cadherin 1, E-cadherin (epithelial), cadherin 1, type 1, E-cadherin (epithelial), cadherin-1, calcium-dependent adhesion protein, epithelial, CAM 120/80, CD324, CDHE, cell-CAM 120/80, ECAD, E-Cadherin, epithelial cadherin, LCAM, UVO, uvomorulin, CDH1

Official Symbol: CDH1

Accession Number(s): NP_004351.1

Human GeneID(s): [999](#)

Non-Human GeneID(s): 83502 (rat)

Important Comments: The immunizing peptide represents part of the extracellular domain.

Immunogen

Peptide with sequence C-DYKINLKLMDNQNK, from the internal region of the protein sequence according to NP_004351.1.

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 85kDa band observed in Human Kidney lysates and in Pig Colon, Kidney and Lung lysates and ~90kDa in Mouse and Rat Lung lysates (calculated MW of 97.5kDa according to NP_004351.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Thyroid. Recommended concentration: 5µg/ml.

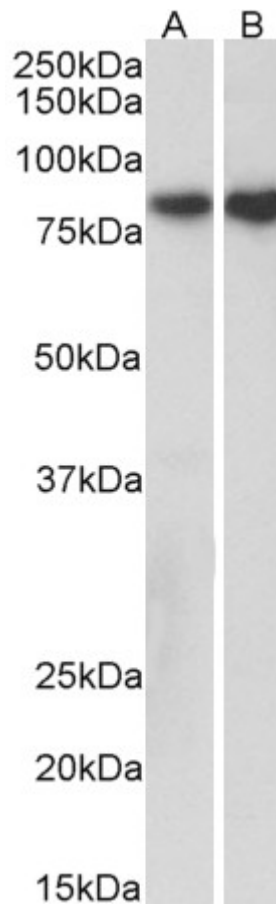
Species Reactivity

Tested: Human, Mouse, Rat, Pig

Expected from sequence similarity: Human, Rat, Dog, Pig



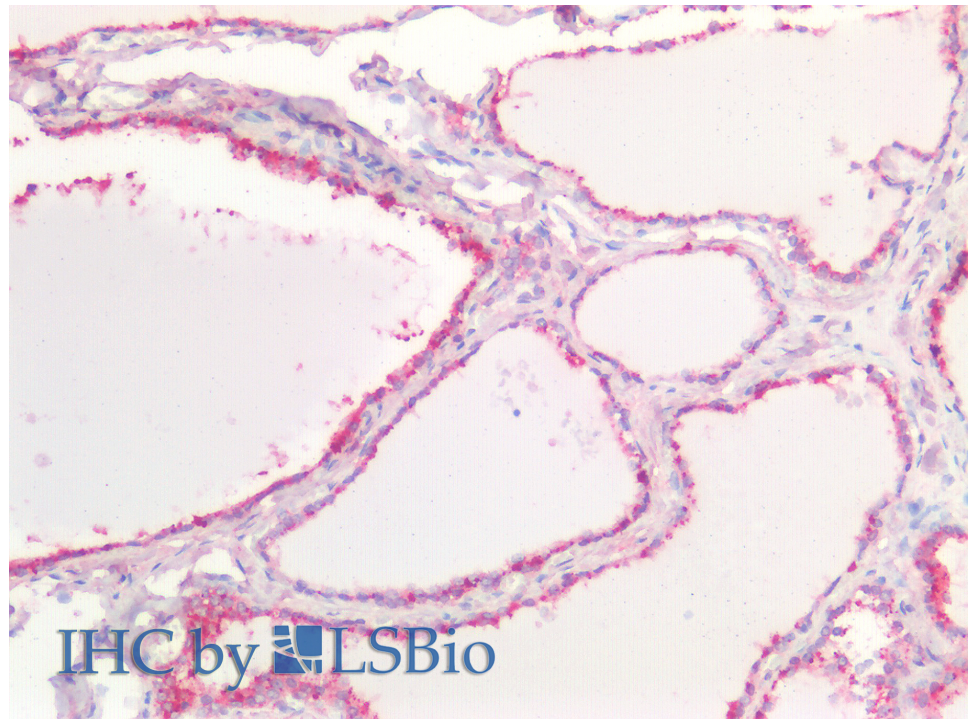
EB11206 (0.5 μ g/ml) staining of Human Kidney lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB11206 (0.3 μ g/ml) staining of Pig Kidney (A) and Colon (B) lysates (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB11206 (0.3 μ g/ml) staining of Mouse Lung (A) and Rat Lung (B) lysates (35 μ g protein in RIPA buffer).
Detected by chemiluminescence.



EB11206 (5 μ g/ml) staining of paraffin embedded Human Thyroid. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.