

Basic Information

Product Name	Anti-N-Cadherin/CDH2 Antibody (Clone#OTI3B10)
Gene Name	CDH2
Source	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, FCM
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Full length human recombinant protein of human CDH2(NP_001783) produced in HEK293T cell.
Concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	140 kDa
Dilution Ratios	Western blot (WB): 1:2000 Immunohistochemistry (IHC):1:150 Flow cytometry (FCM): 1:100

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

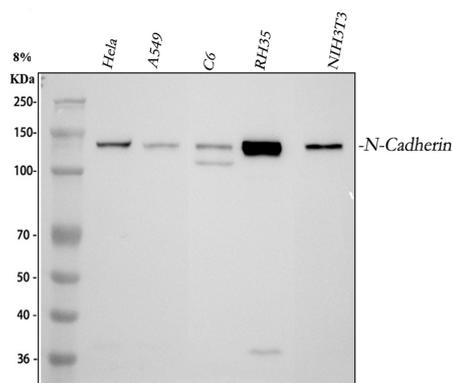
Background Information

This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. The protein functions during gastrulation and is required for establishment of left-right asymmetry. At certain central nervous system synapses, presynaptic to postsynaptic adhesion is mediated at least in part by this gene product. [provided by RefSeq]

Reference

Anti-N-Cadherin/CDH2 Antibody (Clone#OTI3B10)被引用在5文献中。

Selected Validation Data



Western blot analysis of anti-N-Cadherin/CDH2 antibody (M01577-5). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human HeLa whole cell lysates,

Lane 2: human A549 whole cell lysates,

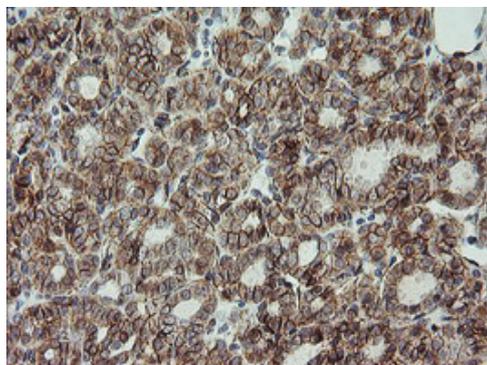
Lane 3: rat C6 whole cell lysates,

Lane 4: rat RH-35 whole cell lysates,

Lane 5: mouse NIH/3T3 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-N-Cadherin/CDH2 antigen affinity purified monoclonal antibody (M01577-5) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for N-Cadherin/CDH2 at approximately 140 kDa. The expected band size for N-Cadherin/CDH2 is at 100 kDa.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-CDH2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, M01577-5)

Product datasheet

Anti-N-Cadherin/CDH2 Antibody (Clone#OTI3B10)

Catalog Number: **M01577-5**

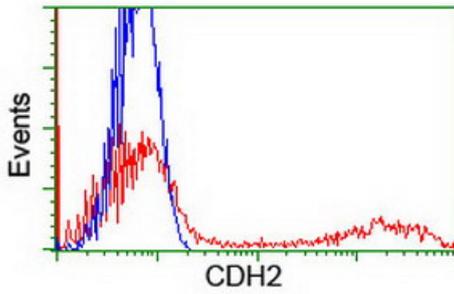
BOSTER[®]

antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY

Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.

Web: www.boster.com Phone: 027-67845390/1/2 Email: boster@boster.com



HEK293T cells transfected with either overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-CDH2 antibody, and then analyzed by flow cytometry.