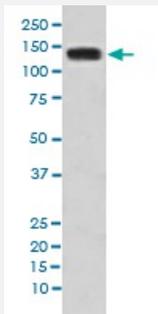


CDH2 monoclonal antibody, clone FI-3

Catalog # MAB20226 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with CDH2 monoclonal antibody.

Specification

| | |
|----------------------------|---|
| Product Description | Rabbit monoclonal antibody raised against synthetic peptide of human CDH2. |
| Immunogen | A synthetic peptide corresponding to human CDH2. |
| Host | Rabbit |
| Reactivity | Human |
| Form | Liquid |
| Purification | Affinity purification |
| Isotype | IgG |
| Recommend Usage | Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage Instruction | Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |

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| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
|-------------|--|

Applications

- Western Blot (Cell lysate)
 Western blot analysis of HeLa cell lysate with CDH2 monoclonal antibody.
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Gene Info — CDH2

| | |
|---------------------------|--|
| Entrez GeneID | 1000 |
| Protein Accession# | P19022 |
| Gene Name | CDH2 |
| Gene Alias | CD325, CDHN, CDw325, NCAD |
| Gene Description | cadherin 2, type 1, N-cadherin (neuronal) |
| Omim ID | 114020 |
| Gene Ontology | Hyperlink |
| Gene Summary | 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 trans membrane 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] |
| Other Designations | N-cadherin 1 cadherin 2, N-cadherin (neuronal) cadherin 2, type 1 calcium-dependent adhesion protein, neuronal neural cadherin |

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Laryngeal Neoplasms](#)
- [Mouth Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)