

Recombinant Human CDH19 cell lysate

Cat. No. CDH19-325HCL **Lot. No.** (See product label)

SPECIFICATION

| | |
|-----------------------|--|
| Species | Human |
| Description | This gene is a type II classical cadherin from the cadherin superfamily and one of three cadherin 7-like genes located in a cluster on chromosome 18. The encoded membrane protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Since disturbance of intracellular adhesion is a prerequisite for invasion and metastasis of tumor cells, cadherins are considered prime candidates for tumor suppressor genes. |
| Size | 100 ul |
| Storage Buffer | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| Applications | Western Blot; |

GENE INFORMATION

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|------------------------|--|
| Gene Name | CDH19 cadherin 19, type 2 [Homo sapiens] |
| Official Symbol | CDH19 |
| Synonyms | CDH19; cadherin 19, type 2; cadherin-19; CDH7; CDH7L2; |

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|----------------------------|----------------------|
| Gene ID | 28513 |
| mRNA Refseq | NM_021153 |
| Protein Refseq | NP_066976 |
| MIM | 603016 |
| UniProt ID | Q9H159 |
| Chromosome Location | 18q22.1 |
| Function | calcium ion binding; |

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