

# cadherin-26 (m): 293T Lysate: sc-126566

## BACKGROUND

Cadherins comprise a family of  $\text{Ca}^{2+}$ -dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. Cadherins each contain a large extracellular domain at the amino-terminus, which is characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. The relatively short carboxy-terminal, intracellular domain interacts with a variety of cytoplasmic proteins, including  $\beta$ -catenin, to regulate cadherin function. Cadherin-26 is an 852 amino acid single-pass transmembrane protein containing 4 cadherin domains through which it interacts with other cadherins in a homophilic manner. There are four named isoforms of cadherin-26 that are produced as a result of alternative splicing events.

## REFERENCES

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## CHROMOSOMAL LOCATION

Genetic locus: Cdh26 (mouse) mapping to 2 H4.

## PRODUCT

cadherin-26 (m): 293T Lysate represents a lysate of mouse cadherin-26 transfected 293T cells and is provided as 100  $\mu\text{g}$  protein in 200  $\mu\text{l}$  SDS-PAGE buffer.

## STORAGE

Store at  $-20^{\circ}\text{C}$ . Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

## APPLICATIONS

cadherin-26 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive cadherin-26 antibodies. Recommended use: 10-20  $\mu\text{l}$  per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.