# IGSF4B (h2): 293T Lysate: sc-173430



The Power to Question

### **BACKGROUND**

Immunoglobulin superfamily member 4B (Cell adhesion molecule 3, Nectin-like protein 1) is a nectin family gene product that contains 2 lg-like C2-type (immunoglobulin-like) domains and an lg-like V-type (immunoglobulin-like) domain. IGSF4B is a single-pass type I membrane protein that localizes to cell-cell interacting sites along the plasma membrane. IGSF4B functions as a cell adhesion molecule at cell-cell junctions. IGSF4B can be found as a homodimer and has a dual calcium-independent adhesion function; a homophilic cell-cell interaction and a heterophilic cell-cell interaction involving IGSF4, Nectin 1 and Nectin 3. IGSF4B may also interact with EPB41L1 which has a potential for regulating structure or function of cell-cell junctions By similarity. Isoform 1 is expressed in adult and fetal brain. Isoform 2 is highly expressed in the cerebellum but is also weakly expressed in placenta. IGSF4B has been found to be markedly over-expressed in glioma cell lines and prostate cancer cell lines.

### **REFERENCES**

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  of the tumor suppressor TSLC1 gene family encoding transmembrane
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## **CHROMOSOMAL LOCATION**

Genetic locus: CADM3 (human) mapping to 1g23.2.

## **PRODUCT**

IGSF4B (h2): 293T Lysate represents a lysate of human IGSF4B transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

#### **APPLICATIONS**

IGSF4B (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive IGSF4B antibodies. Recommended use: 10-20 µl per lane.

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

### **STORAGE**

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

#### **RESEARCH USE**

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

### **PROTOCOLS**

See our web site at www.scbt.com for detailed protocols and support products.

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