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Zuschläge

- Mindermengenzuschlag
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JK-1 (h2): 293T Lysate: sc-117434

BACKGROUND

Esophageal squamous cell carcinoma (ESCC) is cancer of the flat cells lining the esophagus, and is currently the ninth most frequent cancer in the world. While environmental risk factors, such as alcohol drinking and cigarette smoking, increase chances of ESCC, several genes are believed to be involved in the origin and/or progression of ESCC. The proteins encoded by these genes include p53, DCC, DEC1, DLEC1, p16 and TGF β RII. JK-1, also known as FAM134B, is a 497 amino acid multi-pass membrane protein. JK-1 overexpression in ESCC cell lines causes increased cell growth rate, indicating a possible role in ESCC progression. JK-1 is expressed as two isoforms produced by alternative splicing.

REFERENCES

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7. Lyronis, I.D., Baritaki, S., Bizakis, I., Krambovitis, E. and Spandidos, D.A. 2008. K-Ras mutation, HPV infection and smoking or alcohol abuse positively correlate with esophageal squamous carcinoma. *Pathol. Oncol. Res.* 14: 267-273.

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.

PROTOCOLS

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

CHROMOSOMAL LOCATION

Genetic locus: FAM134B (human) mapping to 5p15.1.

PRODUCT

JK-1 (h2): 293T Lysate represents a lysate of human JK-1 transfected 293T cells and is provided as 100 μ g protein in 200 μ l SDS-PAGE buffer.

APPLICATIONS

JK-1 (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive JK-1 antibodies. Recommended use: 10-20 μ 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.