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AF-10 (h): 293T Lysate: sc-176036

BACKGROUND

The nuclear protein AF-10 is one of several conserved transcription factors involved in the t(10;11) translocation in acute myeloid leukemia. The open reading frame of human AF-10 contains 1,027 amino acids, which are 90% identical to those of the mouse homolog, which contains 1,061 amino acids. AF-10 is primarily expressed in testis and is highly similar to AF-17.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: MLLT10 (human) mapping to 10p12.31.

PRODUCT

AF-10 (h): 293T Lysate represents a lysate of human AF-10 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

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.

APPLICATIONS

AF-10 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive AF-10 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.

RECOMMENDED SUPPORT REAGENTS

To ensure optimal results, the following support reagents are recommended:
 1) Western Blotting: use m-IgGκ BP-HRP: sc-516102 or m-IgGκ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker™ Molecular Weight Standards: sc-2035, UltraCruz® Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

RESEARCH USE

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