SANTA CRUZ BIOTECHNOLOGY, INC.

CD5L (h): 293T Lysate: sc-114208

BACKGROUND

CD5L (CD5 molecule-like), also known as API6, PRO229, Spα or SP-ALPHA, is a 347 amino acid secreted protein that belongs to the scavenger receptor cysteine-rich (SRCR) family of leukocyte regulating proteins. Expressed in bone marrow, spleen, thymus, lymph node and fetal liver, CD5L is thought to be involved in regulating the immune system via binding to peripheral monocytes, as well as mediating both their activation and overall survival. CD5L has three cysteine-rich domains and, in addition to its role in the immune system, may function to inhibit apoptosis and promote macrophage survival.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: CD5L (human) mapping to 1q23.1.

PRODUCT

CD5L (h): 293T Lysate represents a lysate of human CD5L transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

CD5L (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive CD5L antibodies. Recommended use: 10-20 µl per lane.

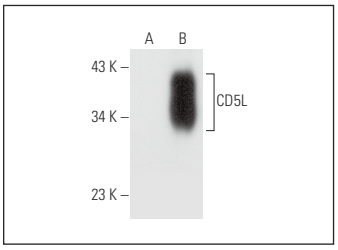
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-tranfected 293T cells.

CD5L (F-5): sc-514118 is recommended as a positive control antibody for Western Blot analysis of enhanced human CD5L expression in CD5L transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

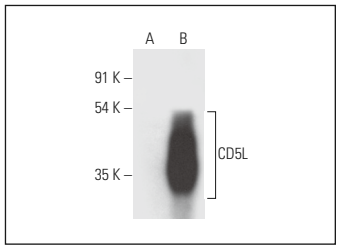
RECOMMENDED SUPPORT REAGENTS

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.

DATA



CD5L (F-5): sc-514118. Western blot analysis of CD5L expression in non-transfected: sc-117752 (**A**) and human CD5L transfected: sc-114208 (**B**) 293T whole cell lysates.



CD5L (F-1): sc-514283. Western blot analysis of CD5L expression in non-transfected: sc-117752 (**A**) and human CD5L transfected: sc-114208 (**B**) 293T whole cell lysates.

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.