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M-ficolin (h2): 293T Lysate: sc-159506

BACKGROUND

M-ficolin, also known as ficolin-A, ficolin-1, ficolin- α , FCN1, FCNM or collagen/Fibrinogen domain containing protein 1, is a 326 amino acid member of the ficolin lectin family. Characteristic of ficolin family proteins, M-ficolin contains a short N-terminus, one collagen-like domain and one Fibrinogen-like domain at its C-terminus. M-ficolin is a secreted innate immunity pattern recognition molecule predominantly expressed in peripheral blood leukocytes. It is believed to function as a plasma protein and is known to interact with elastin, carbohydrates and corticosteroids. M-ficolin exists as a homopolymer through intermolecular disulfide bonding and is involved in activating lectin activity via association with MASPs and specific carbohydrate ligands.

REFERENCES

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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 or our catalog for detailed protocols and support products.

CHROMOSOMAL LOCATION

Genetic locus: FCN1 (human) mapping to 9q34.3.

PRODUCT

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

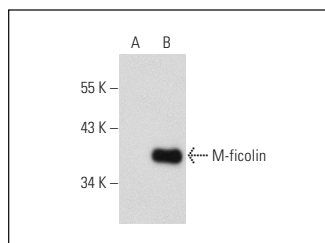
APPLICATIONS

M-ficolin (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive M-ficolin 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.

M-ficolin (036-05-1): sc-80486 is recommended as a positive control antibody for Western Blot analysis of enhanced human M-ficolin expression in M-ficolin transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

DATA



M-ficolin (036-05-1): sc-80486. Western blot analysis of M-ficolin expression in non-transfected: sc-117752 (A) and human M-ficolin transfected: sc-159506 (B) 293T whole cell lysates.

RESEARCH USE

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