

IRF-4 (h2): 293T Lysate: sc-176207

BACKGROUND

Interferon regulatory factor-4 (IRF-4) belongs to the IRF family of DNA-binding factors which regulate both interferon and interferon-inducible genes. Family members include IRF-1–7, ISGF-3 γ p48 and IFN consensus sequence-binding protein (ICSBP). IRF-4 is also known as lymphocyte specific interferon regulatory factor (LSIRF), multiple myeloma oncogene 1 and PU.1 interaction partner (Pip). A nuclear protein specific to lymphoid cells, IRF-4 is a transcriptional activator that binds to the interferon-stimulated response element (ISRE) of the MHC class I promoter.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: IRF4 (human) mapping to 6p25.3.

PRODUCT

IRF-4 (h2): 293T Lysate represents a lysate of human IRF-4 transfected 293T cells and is provided as 100 μ g protein in 200 μ l SDS-PAGE buffer.

APPLICATIONS

IRF-4 (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive IRF-4 antibodies. Recommended use: 10-20 μ l per lane.

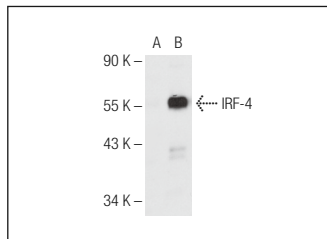
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

IRF-4 (MUM1p): sc-56713 is recommended as a positive control antibody for Western Blot analysis of enhanced human IRF-4 expression in IRF-4 transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

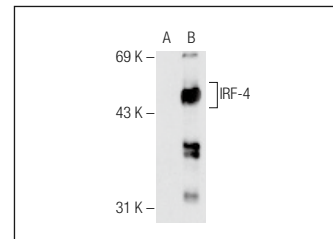
STORAGE

Store at -20 $^{\circ}$ C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

DATA



IRF-4 (MUM1p): sc-56713. Western blot analysis of IRF-4 expression in non-transfected: sc-117752 (A) and human IRF-4 transfected: sc-176207 (B) 293T whole cell lysates.



IRF-4 (3E4): sc-130921. Western blot analysis of IRF-4 expression in non-transfected: sc-117752 (A) and human IRF-4 transfected: sc-176207 (B) 293T whole cell lysates.

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.