NERF (224C4a): sc-130632



The Power to Overtion

BACKGROUND

Ets-1 is the prototype member of a family of genes identified on the basis of homology to the v-Ets oncogene isolated from the E26 erythroblastosis virus. This family of genes currently includes Ets-1, Ets-2, Erg-1-3, Elk-1, Elf-1, Elf-5, NERF, PU.1, PEA3, ERM, FEV, ERBI, Fli-1, TEL, Spi-B, ESE-1, ESE-3A, Net, ABT1 and ERF. Members of the Ets gene family exhibit varied patterns of tissue expression and share a highly conserved carboxy terminal domain containing a sequence related to the SV40 large T antigen nuclear localization signal sequence. This conserved domain is essential for Ets-1 binding to DNA and is likely to be responsible for the DNA binding activity of all members of the Ets gene family. Several of these proteins have been shown to recognize similar motifs in DNA that share a centrally located 5'-GGAA-3' element.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: ELF2 (human) mapping to 4q31.1.

SOURCE

NERF (224C4a) is a mouse monoclonal antibody raised against a recombinant protein corresponding an internal region of NERF of human origin.

PRODUCT

Each vial contains 100 μg lgG1 in 1.0 ml PBS with < 0.1% sodium azide and 1.0% gelatin.

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

APPLICATIONS

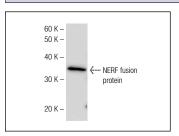
NERF (224C4a) is recommended for detection of NERF of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and immunoprecipitation [1-2 μ g per 100-500 μ g of total protein (1 ml of cell lysate)].

Suitable for use as control antibody for NERF siRNA (h): sc-43961, NERF shRNA Plasmid (h): sc-43961-SH and NERF shRNA (h) Lentiviral Particles: sc-43961-V.

Molecular Weight of NERF: 64 kDa.

Positive Controls: K-562 nuclear extract: sc-2130.

DATA



NERF (224C4a): sc-130632. Western blot analysis of human recombinant NERF fusion protein.

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.

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