Fli-1 (F-12): sc-365294

**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 erythroleukemia virus. This family of genes currently includes Ets-1, Ets-2, Erg-1, Erg-2, Elk, E74, Fli-1, PU.1 and PEA3. 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**


**CHROMOSOMAL LOCATION**

Genetic locus: FLI1 (human) mapping to 11q24.3; Fli1 (mouse) mapping to 9 A4.

**SOURCE**

Fli-1 (F-12) is a mouse monoclonal antibody specific for an epitope mapping between amino acids 427-452 at the C-terminus of Fli-1 of mouse origin.

**PRODUCT**

Each vial contains 200 µg IgM kappa light chain in 1.0 ml of PBS with <0.1% sodium azide and 0.1% gelatin. Also available as TransCruz reagent for Gel Supershift and ChIP applications, sc-365294 X, 200 µg/0.1 ml.

Blocking peptide available for competition studies, sc-365294 P (100 µg peptide in 0.5 ml PBS containing <0.1% sodium azide and 0.2% stabilizer protein).

**STORAGE**

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

**APPLICATIONS**

Fli-1 (F-12) is recommended for detection of Fli-1 of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).


Fli-1 (F-12) X TransCruz antibody is recommended for Gel Supershift and ChIP applications.

Molecular Weight of Fli-1: 51 kDa.

Positive Controls: HEL 92.1.7 cell lysate: sc-2270, Jurkat whole cell lysate: sc-2204 or BJAB whole cell lysate: sc-2207.

**RECOMMENDED SUPPORT REAGENTS**

To ensure optimal results, the following support reagents are recommended: 1) Western Blotting: use m-IgG HRP: sc-516214 or m-IgG HRP [Cruz Marker]: sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker™ Molecular Weight Standards: sc-2035, UltraCruz® Blocking Reagent: sc-16214 and Western Blotting Luminol Reagent: sc-2048. 2) Immunoprecipitation: use Protein L-Agarose: sc-2336 (0.5 ml agarose/2.0 ml). 3) Immunofluorescence: use m-IgG HRP: sc-516214 or sc-2035, UltraCruz® ABC Kit: sc-2048 or BJAB whole cell lysate: sc-2207.

**DATA**

**SELECT PRODUCT CITATIONS**


**RESEARCH USE**

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

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