

MONOCLONAL ANTIBODIES AGAINST TRANSCRIPTION FACTOR SPI AND CDNA CLONES FOR TFIIE

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ABSTRACT

Transcription initiation by RNA polymerase II is modulated by the action of sequence-specific DNA binding proteins that recognize promoter and enhancer elements. Since many of these sequence-specific transcription factors are present in low levels, it is generally difficult to isolate them for subsequent study. One such transcription factor is the human SP1 protein, which stimulates RNA synthesis from promoters with an Sp1 recognition site (the GC-box).

Monoclonal antibodies have been generated to the human Sp1 transcription factor.

Reference:

PNAS(1989)v86pp1781-5

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KEYWORDS

research tool, antibody

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