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Anti-FLI1 Antibody

Mouse Monoclonal Antibody
Catalog # AH13224

Product Information

Application	WB, IF, FC
Primary Accession	Q01543
Other Accession	504281
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG
Clone Names	FLI1/1312
Calculated MW	50982

Additional Information

Gene ID	2313
Other Names	ERGB transcription factor; Ewing Sarcoma breakpoint region 2 (EWSR2); FLI1; FLI1 EWS fusion gene; Friend leukemia integration 1 (FLI1) transcription factor; Friend leukemia virus integration 1; Proto-oncogene Fli-1; SIC1; Transcription factor ERGB; Viral integration region FLI1
Application Note	Flow Cytometry (0.5-1ug/million cells); ,Immunofluorescence (1-2ug/ml); ,Western Blotting (1-2ug/ml for 60 minutes at RT);,Optimal dilution for a specific application should be determined.
Format	200ug/ml of Ab purified from rabbit anti-serum by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml.
Storage	Store at 2 to 8°C.Antibody is stable for 24 months.
Precautions	Anti-FLI1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

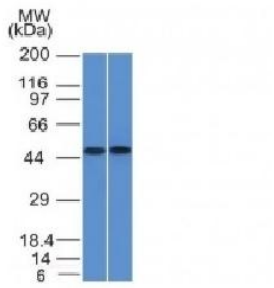
Protein Information

Name	FLI1
Function	Sequence-specific transcriptional activator (PubMed: 24100448, PubMed:26316623, PubMed:28255014). Recognizes the DNA sequence 5'-C[CA]GGAAGT-3'.
Cellular Location	Nucleus.

Background

Recognizes a protein of 51kDa, which is identified as FLI1. This protein, a member of the ETS family of DNA binding transcription factors, is involved in cellular proliferation and tumorigenesis. 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.Members of the Ets gene family share a highly conserved carboxy-terminal domain containing a sequence related to the SV40 large T antigen nuclear localization signal sequence. Approximately 90% of Ewing s Sarcoma (EWS) / Primitive Neuroectodermal Tumors (PNET) have a specific translocation, t(11;22)(q24;q12), which results in fusion of EWS to Fli-1, and production of an EWS-Fli-1 fusion protein. Among normal tissues only endothelial cells and small lymphocytes express Fli-1. This protein is expressed in majority of vascular tumors including angiosarcomas, hemangioendotheliomas, hemangiomas, and Kaposi s Sarcomas. High sensitivity and specificity of Fli-1 equals to or exceeds that of the established vascular markers like CD31, CD34, and Factor VIII.

Images



Western Blot of THP1 and Raji Cell Lysate using FLI1 Monoclonal Antibody (FLI1/1312)