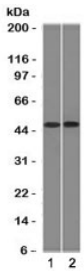
FLI1 Antibody [clone FLVI1-1] (V7218)

Catalog No.	Formulation	Size
V7218-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7218-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7218SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	FLVI1-1
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	2313
Localization	Nuclear
Applications	Western blot: 1-2ug/ml
Limitations	This FLI1 antibody is available for research use only.



FLI1 Antibody ThP1 and Raji WB. Western blot testing of 1) ThP1 and 2) Raji cell lysate with FLI1 antibody (clone FLVI1-1). Predicted molecular weight ~50 kDa.

Description

Friend leukemia integration 1 is a member of the ETS family of DNA binding transcription factors that is involved in cellular proliferation and tumorigenesis. 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.

Explore our FLI1 Antibody / ETS Transcription Factor Marker page for additional validation data and research applications involving Ewing sarcoma biology, hematopoietic differentiation, endothelial signaling, and ETS family transcriptional regulation pathways.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the FLI1 antibody to be titered up or down for optimal performance.

Immunogen

Human partial recombinant protein (amino acids 107-216) was used as the immunogen for this FLI1 antibody.

Storage

Store the FLI1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

References (1)

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