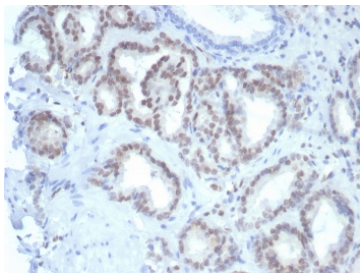
FLI1 Antibody [clone FLI1/7508] (V4216)

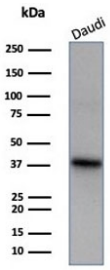
Catalog No.	Formulation	Size
V4216-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4216-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4216SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

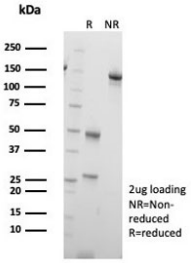
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2, kappa
Clone Name	FLI1/7508
Purity	Protein A affinity
UniProt	Q01543
Localization	Nucleus
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
Limitations	This FLI1 antibody is available for research use only.



IHC staining of FFPE human prostate tissue with Fli1 antibody (clone FLI1/7508). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Western blot testing of human Daudi cell lysate with Fli1 antibody (clone FLI1/7508). Predicted molecular weight ~50 kDa.



SDS-PAGE analysis of purified, BSA-free Fli1 antibody (clone FLI1/7508) as confirmation of integrity and purity.

Description

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.

Application Notes

Optimal dilution of the FLI1 antibody should be determined by the researcher.

Immunogen

A recombinant partial protein (within amino acids 107-261) from the human protein was used as the immunogen for the FLI1 antibody.

Storage

Aliquot the FLI1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.