

FLI-1 (ZR217)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant full-length human FLI1 protein
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: FLI-1 (ZR217) Rabbit Monoclonal primary antibody detects FLI-1 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100. Positive Control: sample known to contain FLI-1 protein.

Localization: Nucleus.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: Recognizes a protein of 51 kDa, 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 based on 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 the 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 reportedly expressed in most vascular tumors, including angiosarcomas, hemangioendotheliomas, hemangiomas, and Kaposi's Sarcomas. Interestingly, detection of Fli-1 expression is assumed an improved vascular marker compared to CD31, CD34, and factor VIII.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Mhawech-Fauceglia P, et al. Histopathology. 2006; 49:569-75.
2. Kuroda N, et al. Med Mol Morphol. 2006; 39:221-5.
3. Ellison DA, et al. Hum Pathol. 2007; 38:205-11.



Z2498RL-R/ Z2498RS-R/ Z2498RT-R/ Z2498RP-R (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)



605 E. Huntington Dr.,
Suite 204
Monrovia, CA 91016
Tel: (626) 355-2053
<http://www.zeta-corp.com>



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