

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FLI1 in Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human FLI1 Ser13-Pro112 Accession # Q01543
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

FLI1 (Friend leukemia virus integration site 1; also ERGB) is a member of the ETS family of transcription factors. Although its predicted MW is 51 kDa, FLI1 is expressed by megakaryocytes, macrophages, B cells and embryonic endothelial cells. It is a transcriptional activator that regulates the genes for Tie-2, Gp11b, MPL and TGF-β RII. Human FLI1 is 452 amino acids (aa) in length. It contains one PNT domain that is involved in heterotypic interactions (aa 112-198) and an ETS DNA-binding domain (aa 281-361). There are two potential splice variants. One shows an alternative start site at Met34, while another contains a 10 aa substitution for aa 1-76. There are a series of naturally occurring 62-68 kDa chimeric proteins (EWS/FLI1) in tumors that result from a chromosomal translocation involving the EWS and FLI1 genes. One creates a 499 aa chimera that includes aa 1-265 of EWS and 220-452 of FLI1. Over aa 13-112, human FLI1 shares 98% aa identity with mouse FLI1.

PRODUCT SPECIFIC NOTICES

This product is provided under an agreement between Life Technologies Corporation and R&D Systems, Inc, and the manufacture, use, sale or import of this product is subject to one or more US patents and corresponding non-US equivalents, owned by Life Technologies Corporation and its affiliates. The purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components (1) in manufacturing; (2) to provide a service, information, or data to an unaffiliated third party for payment; (3) for therapeutic, diagnostic or prophylactic purposes; (4) to resell, sell, or otherwise transfer this product or its components to any third party, or for any other commercial purpose. Life Technologies Corporation will not assert a claim against the buyer of the infringement of the above patents based on the manufacture, use or sale of a commercial product developed in research by the buyer in which this product or its components was employed, provided that neither this product nor any of its components was used in the manufacture of such product. For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, Cell Analysis Business Unit, Business Development, 29851 Willow Creek Road, Eugene, OR 97402, Tel: (541) 465-8300. Fax: (541) 335-0354.