BOSTER BIOLOGICAL TECHNOLOGY
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Anti-FLI1 Antibody Picoband®

Catalog Number: PA2179

About FLI1

Friend leukemia integration 1 transcription factor, also known as Transcription factor ERGB or Proto-oncogene Fli-1 is a protein that in humans is encoded by the human FLI1 gene. The fli1 protooncogene encodes a member of the ETS family of winged helix-turn-helix transcription factors. This gene is mapped to 11q24.3. Fli-1 is activated through retroviral insertional mutagenesis in 90% of F-MuLV-induced erythroleukemias. The constitutive activation of fli-1 in erythroblasts leads to a dramatic shift in the Epo/Epo-R signal transduction pathway, blocking erythroid differentiation, activating the Ras pathway, and resulting in massive Epo-independent proliferation of erythroblasts. These results suggest that Fli-1 overexpression in erythroblasts alters their responsiveness to Epo and triggers abnormal proliferation by switching the signaling event (s) associated with terminal differentiation to proliferation.

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Overview

Product Name	Anti-FLI1 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-FLI1 Antibody catalog # PA2179. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q01543

BOSTER
antibody and ELISA experts

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Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human FLI1, identical to the related rat and mouse sequences.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, Rat, Mouse Western blot, 0.1-0.5ug/ml, Human, Mouse, Rat

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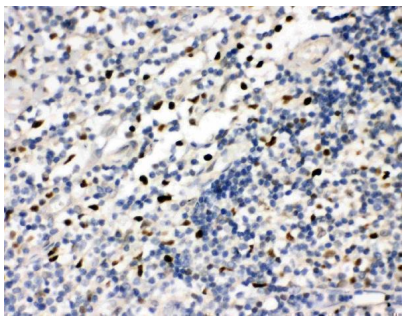
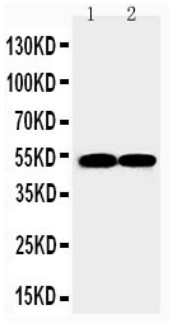
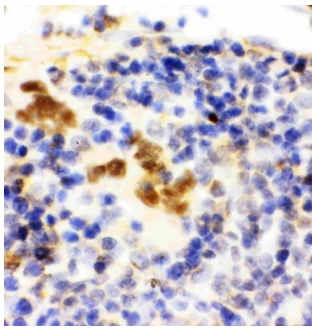
Anti-FLI1 Antibody Picoband® (PA2179) Images



Anti-FLI1 antibody, PA2179, IHC(P)IHC(P): Human Tonsil Tissue



Anti-FLI1 antibody, PA2179, Western blottingLane 1: JURKAT Cell LysateLane 2: RAJI Cell Lysate



Anti-FLI1 antibody, PA2179, IHC(P)IHC(P): Rat Spleen Tissue

Anti-FLI1 Antibody

For Research Use Only. Not for use in diagnostic procedures.