BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-FOXP1 Antibody (C-term)

Catalog Number: A00723-1

About FOXP1

This gene belongs to subfamily P of the forkhead box (FOX) transcription factor family. Forkhead box transcription factors play important roles in the regulation of tissue- and cell type-specific gene transcription during both development and adulthood. Forkhead box P1 protein contains both DNA-binding- and protein-protein binding-domains. This gene may act as a tumor suppressor as it is lost in several tumor types and maps to a chromosomal region (3p14.1) reported to contain a tumor suppressor gene(s).

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Overview

Product Name	Anti-FOXP1 Antibody (C-term)
Reactive Species	Human
Description	Boster Bio Anti-FOXP1 Antibody (C-term) (Catalog # A00723-1). Tested in IHC-P, WB, Flow Cytometry application(s). This antibody reacts with Human.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9H334

Technical Details

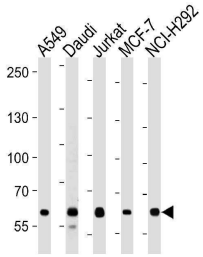
Immunogen	This FOXP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 650-677 amino acids from the C-terminal region of human FOXP1.
Predicted Reactive Species	Bovine, Mouse, Rat
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).

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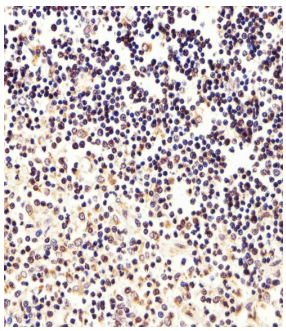
Cross Reactivity	No cross reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000 IHC-P: 1:50-1:100 FC: 1:10-1:50

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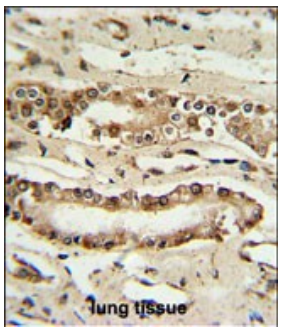
Anti-FOXP1 Antibody (C-term) (A00723-1) Images



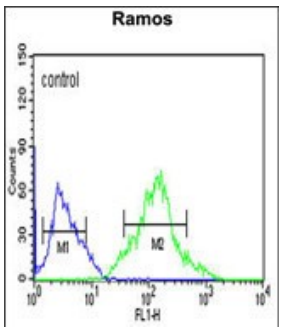
FOXP1 Antibody (C-term) western blot analysis in A549,Daudi,Jurkat,MCF-7,NCI-H292 cell line lysates (35ug/lane).This demonstrates the FOXP1 antibody detected the FOXP1 protein (arrow).



Immunohistochemical analysis of paraffin-embedded H. thymus section using FOXP1 Antibody (C-term). A00723-1 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



FOXP1 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FOXP1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



FOXP1 Antibody (C-term) flow cytometric analysis of Ramos cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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