

FOXP1 Polyclonal Antibody

Product Details	
Size	500 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide near C-terminus of human FOXP1.
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.6, with 1% BSA
Contains	0.1% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2549884

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100	-
Immunocytochemistry (ICC/IF)	1:100	-

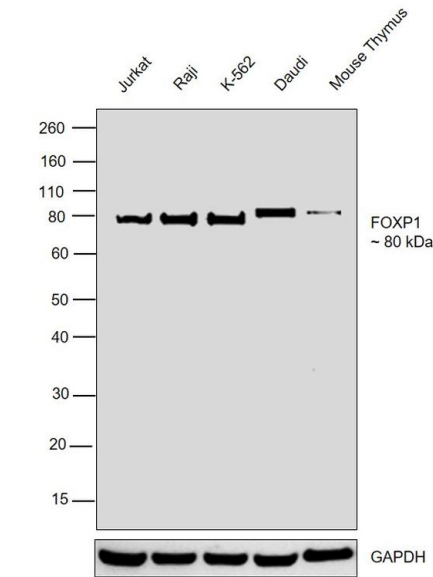
Product Specific Information

Heat-mediated antigen retrieval is recommended prior to staining, using a 1mM EDTA buffer, pH 8.0, for 10 minutes followed by cooling at room temperature for 20 min. Following antigen retrieval, incubate samples with primary antibody for 10 min at room temperature. A suggested positive control is tonsil tissue.

Product Images For FOXP1 Polyclonal Antibody

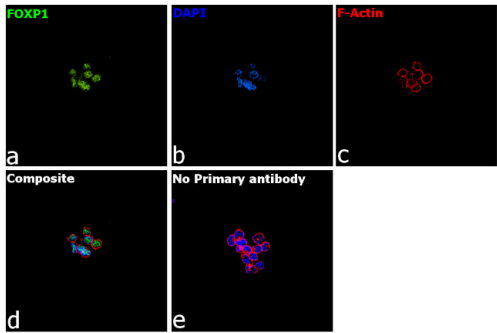
FOXP1 Antibody (PA5-32414) in WB

Western blot was performed using Anti-FOXP1 Polyclonal Antibody (Product # PA5-32414) and 80 kDa band corresponding to FOXP1 was observed across the cell lines and tissues tested. Modified whole cell extracts (1% SDS) (30 µg lysate) of Jurkat (Lane 1), Raji (Lane2), K-562 (Lane 3), Daudi (Lane 4) and tissue extracts (30 µg lysate) of Mouse Thymus (Lane 5) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:500 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



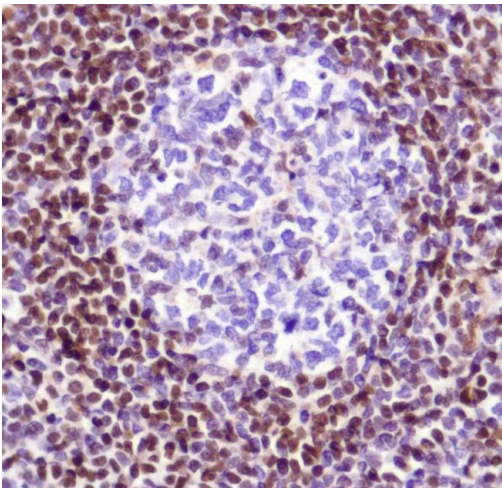
FOXP1 Antibody (PA5-32414) in ICC/IF

Immunofluorescence analysis of FOXP1 was performed using 70% confluent log phase Daudi cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with FOXP1 Polyclonal Antibody (Product # PA5-32414) at 1:100 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then with Goat anti-Rabbit IgG (Heavy Chain), Superclonal™ Recombinant Secondary Antibody, Alexa Fluor 488 (Product # A27034, 1:2000 dilution) for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b: Blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing nuclear localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



FOXP1 Antibody (PA5-32414) in IHC (P)

Immunohistochemical (paraffin) analysis of FOXP1 using anti-FOXP1 Polyclonal Antibody (Product # PA5-32414) in Tonsil Tissue. The recommended dilution for this antibody in immunohistochemistry applications is 1:100.



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