

ARG67123 anti-FOXP3 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FOXP3
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Pig
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FOXP3
Species	Human
Immunogen	C-terminal region of human FOXP3.
Conjugation	Un-conjugated
Alternate Names	FOXP3; Forkhead Box P3; DIETER; XPID; AIID; PIDX; IPEX; JM2; Immune Dysregulation, Polyendocrinopathy, Enteropathy, X-Linked; Forkhead Box Protein P3; SCURFIN; Immunodeficiency, Polyendocrinopathy, Enteropathy, X-Linked; FOXP3delta7; Scurfin

Application Instructions

Cross Reactivity Note	Mouse reactivity is based on feedback from the cited literature.						
Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>IHC-P</td><td>1:100-1:300</td></tr><tr><td>WB</td><td>1:500 - 1:2000</td></tr></tbody></table>	Application	Dilution	IHC-P	1:100-1:300	WB	1:500 - 1:2000
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IHC-P	1:100-1:300						
WB	1:500 - 1:2000						
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.						

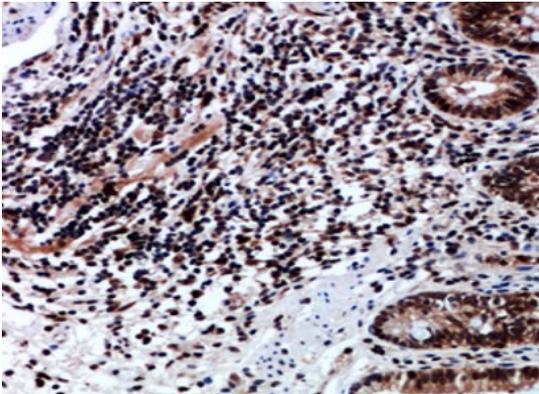
Properties

Form	Liquid
Buffer	PBS, 50% Glycerol, 0.5% BSA, and 0.02% Thimerosal
Preservative	0.02% sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FOXP3
Gene Full Name	forkhead box P3
Background	The protein encoded by this gene is a member of the forkhead/winged-helix family of transcriptional regulators. Defects in this gene are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX), also known as X-linked autoimmunity-immunodeficiency syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Function	Transcriptional regulator which is crucial for the development and inhibitory function of regulatory T-cells (Treg). [UniProt] Plays an essential role in maintaining homeostasis of the immune system by allowing the acquisition of full suppressive function and stability of the Treg lineage, and by directly modulating the expansion and function of conventional T-cells. [UniProt]
Highlight	Related products: FOXP3 antibodies ; FOXP3 Duos / Panels ; Anti-Rabbit IgG secondary antibodies ; Related news: Tumor-Infiltrating Lymphocytes (TILs)
Research Area	Cell Biology and Cellular Response antibody; Gene Regulation antibody; Immune System antibody; Regulatory T cells Study antibody
Calculated Mw	47kD
PTM	Acetylation, Isopeptide bond, Phosphoprotein, Ubl conjugation. [UniProt]
Cellular Localization	Cytoplasm, Nucleus. [UniProt]

Images

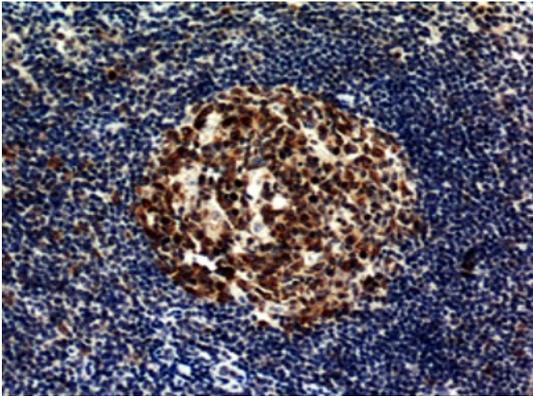
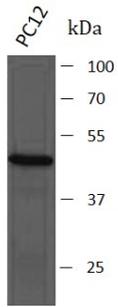


ARG67123 anti-FOXP3 antibody IHC-P image

Immunohistochemistry: Human Colon stained with ARG67123 anti-FOXP3 antibody at 1:100 dilution.

ARG67123 anti-FOXP3 antibody WB image

Western blot: PC12 stained with ARG67123 anti-FOXP3 antibody.



ARG67123 anti-FOXP3 antibody IHC-P image

Immunohistochemistry: Human Tonsilla stained with ARG67123 anti-FOXP3 antibody at 1:100 dilution.
