

ARG59147 anti-FOXP3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FOXP3
Tested Reactivity	Ms, Rat
Predict Reactivity	Hu, Bov, Cat, Deer, Mk, Pig
Tested Application	ELISA, ICC/IF, IHC-Fr, IHC-P, IP
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FOXP3
Species	Mouse
Immunogen	Synthetic peptide corresponding to aa. 229-250 of Mouse FOXP3. The peptide was post synthetically modified to achieve desired antigenicity before coupling to a carrier protein. (AQCLLQREVVSLEQQLELEKE)
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

Application table	Application	Dilution
	ELISA	1:15000 - 1:20000
	ICC/IF	1:100
	IHC-Fr	1:100
	IHC-P	1:100
	IP	1:200

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

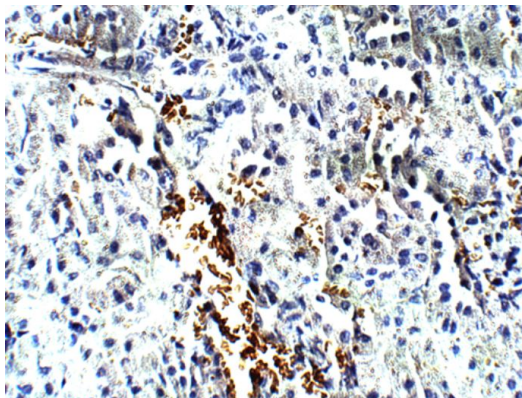
Form	Liquid
Purification	Affinity purified.
Buffer	Tris, HCl / glycine buffer (pH 7.4-7.8), cryo-protective agents, Hepes, 0.02% Sodium azide, 30% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide

Stabilizer	30% Glycerol and 0.5% BSA
Concentration	0.7 mg/ml
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. 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

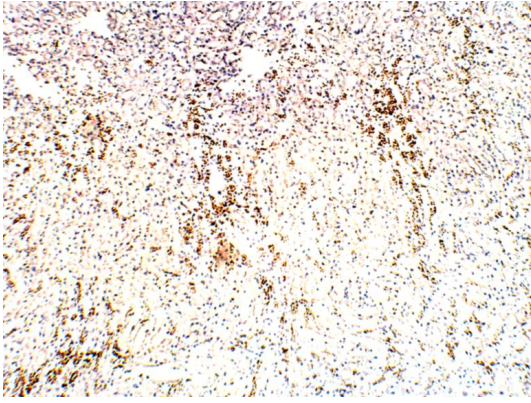
Gene Symbol	FOXP3
Gene Full Name	forkhead box P3
Background	The protein encoded by this gene is a member of the forkhead/winged-helix family of transcriptional regulators. Defects in this gene are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX), also known as X-linked 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	47 kDa
PTM	Acetylation, Isopeptide bond, Phosphoprotein, Ubl conjugation. [UniProt]
Cellular Localization	Cytoplasm, Nucleus. [UniProt]

Images



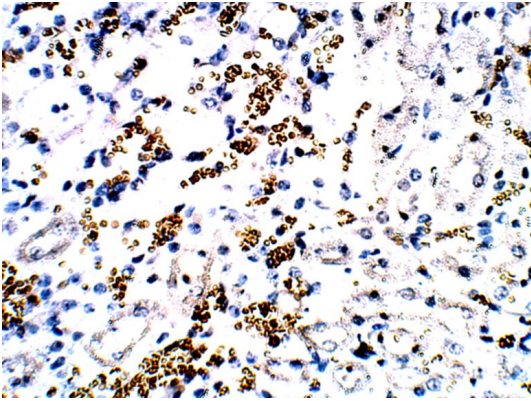
ARG59147 anti-FOXP3 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Rat kidney stained with ARG59147 anti-FOXP3 antibody at 1:100 dilution. (20X magnification)



ARG59147 anti-FOXP3 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Mouse kidney stained with ARG59147 anti-FOXP3 antibody at 1:100 dilution. (10X magnification)



ARG59147 anti-FOXP3 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Mouse kidney stained with ARG59147 anti-FOXP3 antibody at 1:100 dilution. (40X magnification)
