

ARG53050 anti-FOXP3 antibody [SP97]

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Monoclonal antibody [SP97] recognizes FOXP3
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SP97
Isotype	IgG
Target Name	FOXP3
Species	Human
Immunogen	Synthetic peptide corresponding to C-terminus of human FOXP3 protein.
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
	IHC-P	1:100
Application Note	<p>IHC-P: Antigen Retrieval: Boil tissue section in EDTA buffer, pH 8.0 for 10 min followed by cooling at room temperature for 20 min. Incubation Time: 20 min at RT. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>	
Positive Control	Tonsil	

Properties

Form	Liquid
Purification	Purified by protein A/G
Buffer	PBS (pH 7.6), 1% BSA and < 0.1% Sodium azide
Preservative	< 0.1% Sodium azide
Stabilizer	1% 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.

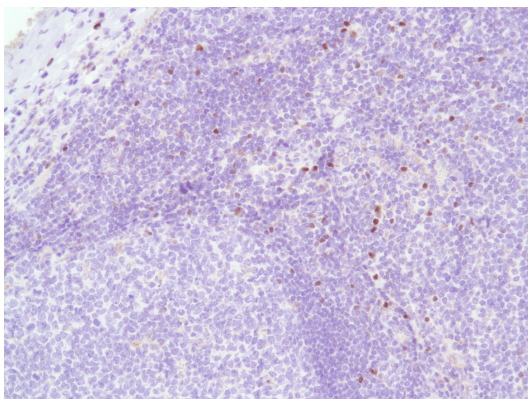
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

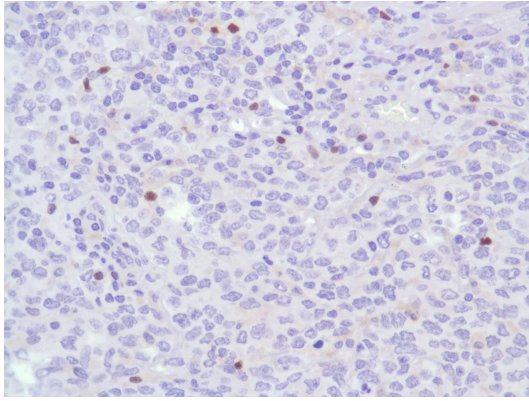
Database links	GeneID: 50943 Human Swiss-port # Q9BZS1 Human
Gene Symbol	FOXP3
Gene Full Name	forkhead box P3
Background	The protein encoded by this gene is a member of the forkhead/winged-helix family of transcriptional regulators. Defects in this gene are the cause of immunodeficiency polyendocrinopathy, 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



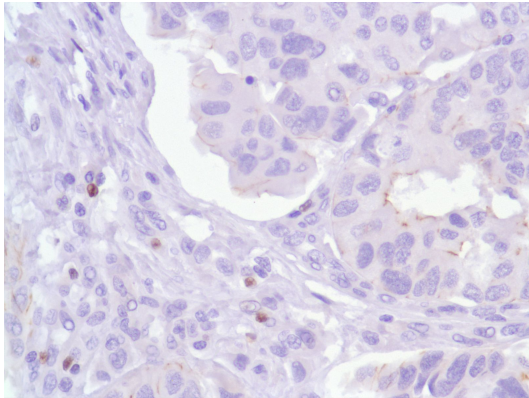
ARG53050 anti-FOXP3 antibody [SP97] WB image

Western Blot: Tonsil stained with FOXP3 antibody [SP97] (ARG53050)



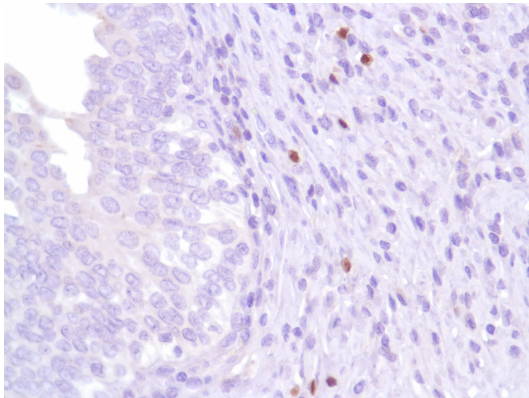
ARG53050 anti-FOXP3 antibody [SP97] IHC-P image

Immunohistochemistry: Human B Cell Lymphoma stained with FOXP3 antibody [SP97] (ARG53050)



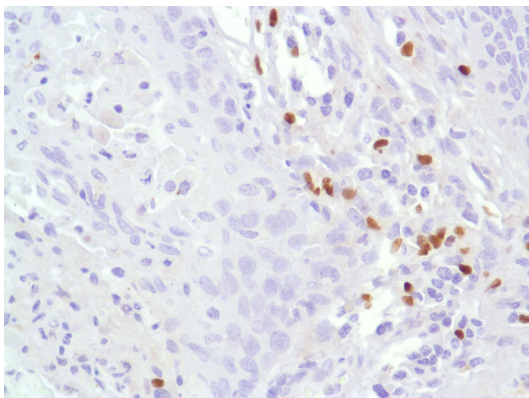
ARG53050 anti-FOXP3 antibody [SP97] IHC-P image

Immunohistochemistry: Human Bladder Transitional Cell Carcinoma stained with FOXP3 antibody [SP97] (ARG53050)



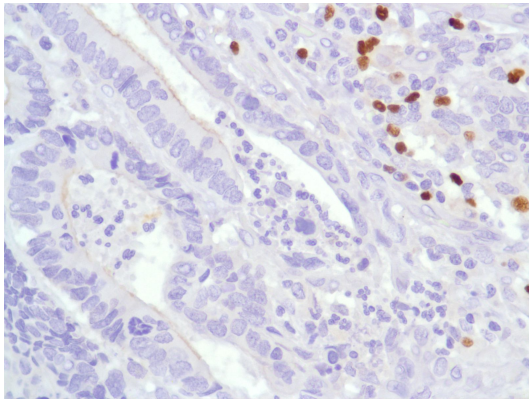
ARG53050 anti-FOXP3 antibody [SP97] IHC-P image

Immunohistochemistry: Human Bladder stained with FOXP3 antibody [SP97] (ARG53050)



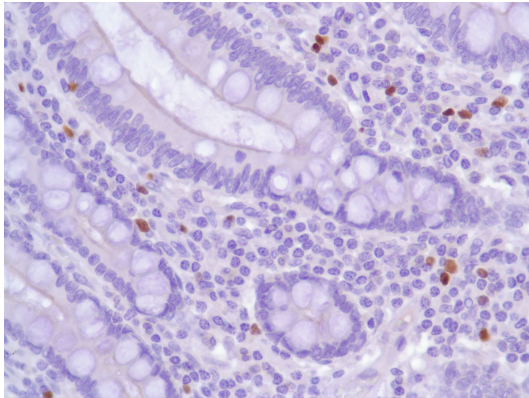
ARG53050 anti-FOXP3 antibody [SP97] IHC-P image

Immunohistochemistry: Human Cervical Squamous Cell Carcinoma stained with FOXP3 antibody [SP97] (ARG53050)



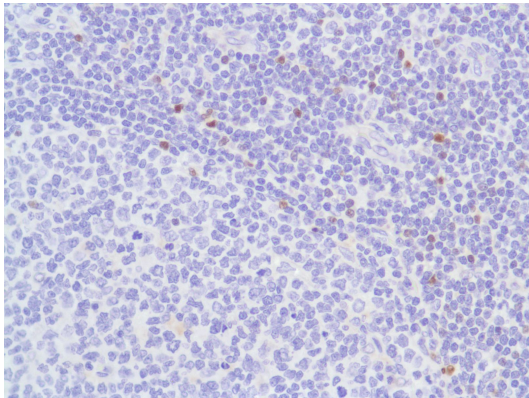
ARG53050 anti-FOXP3 antibody [SP97] IHC-P image

Immunohistochemistry: Human Colon Adenocarcinoma stained with FOXP3 antibody [SP97] (ARG53050)



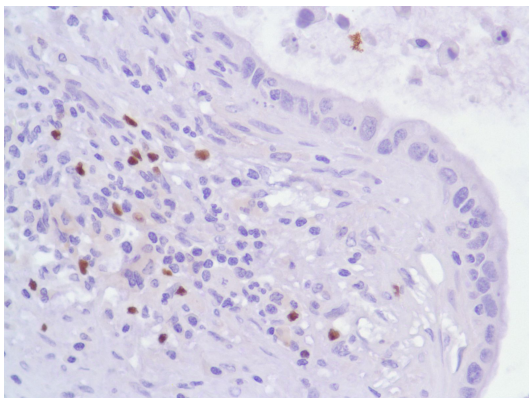
ARG53050 anti-FOXP3 antibody [SP97] IHC-P image

Immunohistochemistry: Human Colon stained with FOXP3 antibody [SP97] (ARG53050)



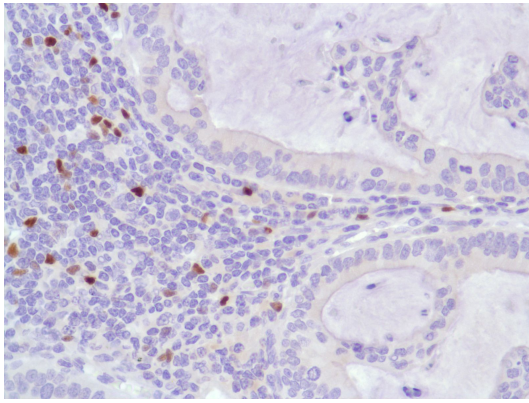
ARG53050 anti-FOXP3 antibody [SP97] IHC-P image

Immunohistochemistry: Human Lymph Node stained with FOXP3 antibody [SP97] (ARG53050)



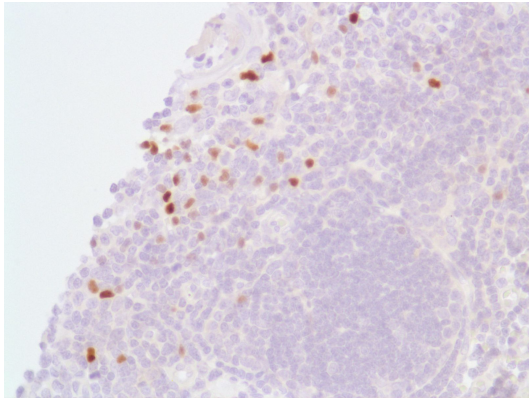
ARG53050 anti-FOXP3 antibody [SP97] IHC-P image

Immunohistochemistry: Human Pancreatic Adenocarcinoma stained with FOXP3 antibody [SP97] (ARG53050)



ARG53050 anti-FOXP3 antibody [SP97] IHC-P image

Immunohistochemistry: Human Stomach Adenocarcinoma stained with FOXP3 antibody [SP97] (ARG53050)



ARG53050 anti-FOXP3 antibody [SP97] IHC-P image

Immunohistochemistry: Human Thymus stained with FOXP3 antibody [SP97] (ARG53050)
