

Datasheet for ABIN650867

anti-FOXP3 antibody (pSer418)[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	400 µL
Target:	FOXP3
Binding Specificity:	pSer418
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXP3 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	This FOXP3 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S418 of human FOXP3.
Clone:	RB38848
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FOXP3
Alternative Name:	FOXP3 (FOXP3 Products)

Target Details

Background:	The protein 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.
Molecular Weight:	47244
Gene ID:	50943
NCBI Accession:	NP_001107849 , NP_054728
UniProt:	Q9BZS1
Pathways:	Chromatin Binding , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Activated T Cell Proliferation

Application Details

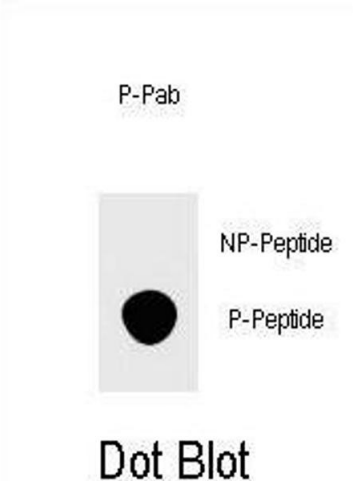
Application Notes:	DB: 1:500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	Nie, Zheng, Li, Guo, He, Fang, Liu, Xiao, Chen, Wan, Chin, Zhang: "Phosphorylation of FOXP3 controls regulatory T cell function and is inhibited by TNF- γ in rheumatoid arthritis." in: Nature medicine , Vol. 19, Issue 3, pp. 322-8, (2013) (PubMed).
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Dot Blot

Image 1. Dot blot analysis of anti-Phospho-FOXP3-Phospho-specific Pab (ABIN650867 and ABIN2839815) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 µg per ml.