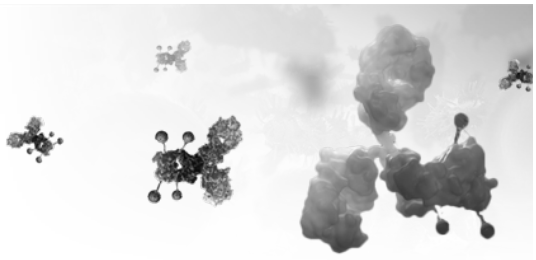

Human FOXP3 blocking peptide (DAG-P0023)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Contains 1 C2H2-type zinc finger.Contains 1 fork-head DNA-binding domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	FOXP3 forkhead box P3 [Homo sapiens (human)]
Official Symbol	FOXP3
Synonyms	FOXP3; forkhead box P3; JM2; AIID; IPEX; PIDX; XPID; DIETER; forkhead box protein P3; scurfin; FOXP3delta7; immunodeficiency, polyendocrinopathy, enteropathy, X-linked; immune dysregulation, polyendocrinopathy, enteropathy, X-linked;
Entrez Gene ID	50943

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mRNA Refseq	NM_001114377.1
Protein Refseq	NP_001107849.1
UniProt ID	Q9BZS1
Chromosome Location	Xp11.23
Pathway	Calcineurin-regulated NFAT-dependent transcription in lymphocytes, organism-specific biosystem; IL2 signaling events mediated by STAT5, organism-specific biosystem; Inflammatory bowel disease (IBD), organism-specific biosystem; Inflammatory bowel disease (IBD), conserved biosystem;
Function	DNA binding, bending; NF-kappaB binding; NFAT protein binding; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; chromatin binding; histone acetyltransferase binding; histone deacetylase binding; metal ion bind

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