



Mouse FOXP3 blocking peptide (CDBP1278)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-FOXP3/Scurfin (Mouse) antibody
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]
Species	Mouse
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

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

dysregulation, polyendocrinopathy, enteropathy, X-linked; IPEX; MGC141961; MGC141963;

Entrez Gene ID	50943
mRNA Refseq	NM_001114377
Protein Refseq	NP_001107849
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;
Function	DNA binding, bending; NF-kappaB binding; NFAT protein binding; chromatin binding; double-stranded DNA binding; histone acetyltransferase binding; histone deacetylase binding; metal ion binding; protein binding; protein heterodimerization activity; protein