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Immunotag™ FoxP3 Monoclonal Antibody

Antibody Specification

Catalog No.	ITM0286
Product Description	Immunotag™ FoxP3 Monoclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	FOXP3
Clonality	Monoclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,IF,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Mouse
Immunogen	Purified recombinant fragment of human FoxP3 expressed in E. Coli.
Specificity	FoxP3 Monoclonal Antibody detects endogenous levels of FoxP3 protein.
Purification	Affinity purification
Form	Purified antibody in PBS containing 0.03% sodium azide.
Gene Name	FOXP3
Accession No.	Q9BZS1 Q99JB6
Alternate Names	FOXP3; IPEX; JM2; Forkhead box protein P3; Scurfin
Description	forkhead box P3(FOXP3) Homo sapiens 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],

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Subcellular Localization	nucleus,cytoplasm,protein complex,
Protein Function	disease:Defects in FOXP3 are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX) [MIM:304790]; also known as X-linked autoimmunity-immunodeficiency syndrome. IPEX is characterized by neonatal onset insulin-dependent diabetes mellitus, infections, secretory diarrhea, trombocytopenia, anemia and eczema. It is usually lethal in infancy.,function:Probable transcription factor. Plays a critical role in the control of immune response.,online information:FOXP3 entry,online information:FOXP3 mutation db,similarity:Contains 1 C2H2-type zinc finger.,similarity:Contains 1 fork-head DNA-binding domain.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.