

FOXP3 recombinant antibody

Rabbit anti-FOXP3 Recombinant Monoclonal Antibody [BLR282M]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213684	Rabbit	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

FOXP3; Monoclonal Recombinant Antibody; Rabbit anti-FOXP3 Recombinant Monoclonal Antibody [BLR282M]; PIDX; scurfin; JM2; IPEX; immunodeficiency; polyendocrinopathy; enteropathy; X-linked; FOXP3delta7; forkhead box protein P3; XPID; DIETER; AIID; immune dysregulation; Forkhead box protein P3; forkhead box P3; FOXP3 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR282M
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Phosphate Buffered Saline (PBS) with 0.09% Sodium Azide, BSA-Free
Concentration	1000ug/ml (varies by lot)
Applicable Applications for FOXP3 recombinant antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 275 and 325
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



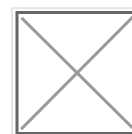
WB (Western Blot)

Detection of human FOXP3 by western blot. Samples: Whole cell lysate (50 ug) from Jurkat, HEK293T, MJ, MOLT-4, and RPMI-8226 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-FOXP3 recombinant monoclonal antibody (AAA213684 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody.



FCM/FACS (Flow Cytometry)

Detection of human FoxP3 (shaded) in MJ[G11] cells by flow cytometry. Antibody: Rabbit anti-FoxP3 recombinant monoclonal antibody (AAA213684) or isotype control (unshaded). Secondary: DyLight 650-conjugated goat anti-rabbit IgG.



IP (Immunoprecipitation)

Detection of human FOXP3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from MJ cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-FOXP3 recombinant monoclonal antibody (AAA213684 lot 1) used for IP at 6 ul/mg lysate. FOXP3 was also immunoprecipitated by a second antibody against a different epitope of FOXP3 (Antibody 2). For blotting immunoprecipitated FOXP3, AAA213684 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for FOXP3 recombinant antibody	FOXP3 is a transcriptional regulator which is crucial for the development and inhibitory function of regulatory T-cells (Treg). It 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. FOXP3 can act either as a transcriptional repressor or a transcriptional activator depending on its interactions with other transcription factors, histone acetylases and deacetylases. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9BZS1].
Product Categories/Family for FOXP3 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982943
NCBI GeneID	50943
NCBI Accession #	NP_054728.2; NP_001107849.1
NCBI GenBank Nucleotide #	NM_014009.3
UniProt Accession #	Q9BZS1; O60827; Q14DD8; Q4ZH51; A5HJT1; B7ZLG0; B9UN80
NCBI Official Full Name	forkhead box protein P3 isoform a
NCBI Official Synonym Full Names	forkhead box P3
NCBI Official Symbol	FOXP3
NCBI Official Synonym Symbols	JM2; AIID; IPEX; PIDX; XPID; DIETER
NCBI Protein Information	forkhead box protein P3
UniProt Protein Name	Forkhead box protein P3
UniProt Gene Name	FOXP3
UniProt Synonym Gene Names	IPEX
UniProt Entry Name	FOXP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/foxp3-recombinant-antibody-clone-blr282m-flow-cytometry-immunoprecipitation-western-blot-elisa/213684>