

Goat FOXP3/SCURFIN Polyclonal Antibody | anti-FOXP3 antibody

Goat anti-FOXP3/SCURFIN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61014	Goat	Tested: Human; Expected from sequence similarity: Human	Immunocytochemistry, Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot, ELISA

PRODUCT SYNONYMS

FOXP3/SCURFIN; Polyclonal Antibody; Goat anti-FOXP3/SCURFIN Antibody; FOXP3; SCURFIN; forkhead box P3; JM2; AIID; IPEX; PIDX; XPID; DIETER; JM2 protein; immunodeficiency; polyendocrinopathy; enteropathy; X-linked; immune dysregulation; MGC141961; MGC141963; FOXP3delta7; scurfin; FOXP3 antibody; SCURFIN antibody; forkhead box P3 antibody; JM2 antibody; AIID antibody; IPEX antibody; PIDX antibody; XPID antibody; DIETER antibody; JM2 protein antibody; X-linked antibody; MGC141961 antibody; MGC141963 antibody; FOXP3delta7 antibody; scurfin antibody; FOXP3 / SCURFIN; anti-FOXP3 antibody

PRODUCT SPECIFICATIONS

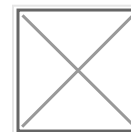
Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	SQRPSRCSNP TPGP
Sequence Length	431
Applicable Applications for anti-FOXP3 antibody	ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence SQRPSRCSNPTPGP, from the C Terminus of the protein sequence according to NP_054728.2; NP_001107849.1.
Epitope	C Terminus
Note	This antibody is expected to recognize both reported isoforms (NP_054728.2 and NP_001107849.1)
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IF (Immunofluorescence)

Staining of CD25-sorted (Treg) Human blood cells gathered by cytospin and detected by FITC (A) and in phase contrast (B).



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing strong localization to nucleoplasm. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).



WB (Western Blot)

1ug/ml staining of Human Muscle (A), (2ug/ml) MOLT4 (B) and (1ug/ml) negative control Pancreas (C) lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982943
NCBI GeneID	50943
NCBI Accession #	NP_054728.2; NP_001107849.1
NCBI GenBank Nucleotide #	NM_014009.3
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/foxp3-scurfin-antibody-immunocytochemistry-flow-cytometry-immunofluorescence-western-blot-peptide-elisa-elisa/61014>