

Rabbit anti-Human FOXP4 Monoclonal Antibody | anti-FOXP4 antibody

Anti-FOXP4 [RAB-S40]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72221	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunoprecipitation, ELISA

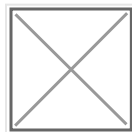
PRODUCT SYNONYMS

FOXP4; Monoclonal Antibody; Anti-FOXP4 [RAB-S40]; Fork head-related protein-like A; Forkhead box protein P4; anti-FOXP4-RAB-S40; S0014_H01-HR6897B.001_D07; anti-FOXP4 antibody

PRODUCT SPECIFICATIONS

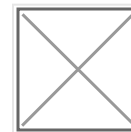
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	RAB-S40
Specificity	This antibody recognizes FOXP4 (Forkhead box protein P4). It binds to a folded domain, amino acids 302-541. FOXP4 is a transcriptional repressor that represses lung-specific expression.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-FOXP4 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IP (Immunoprecipitation), ELISA
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Human Fab format, for improved compatibility with existing reagents, assays and techniques.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometry using the anti-FOXP4 antibody RAB-S40 . HepG2 cells were fixed using 2% PFA and stained with anti-unknown specificity antibody or the rabbit IgG1 version of RAB-S40 (, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



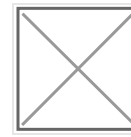
IF (Immunofluorescence)

Immunofluorescence staining of fixed HeLa cells with anti-FOXP4 antibody RAB-S40
Immunofluorescence analysis of paraformaldehyde fixed HeLa cells on Shi-fix coverslips stained with the chimeric rabbit IgG version of RAB-S40 () at 10ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue) and the actin stain is phalloidin (red). Panels show from left-right, top-bottom , DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.



WB (Western Blot)

Western Blot using anti-FOXP4 antibody RAB-S40 Nuclear lysate of K562 cells (35ug protein in RIPA buffer) was resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of RAB-S40 () at 0.01ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.



IF (Immunofluorescence)

Immunofluorescence staining of fixed HeLa cells with anti-FOXP4 antibody RAB-S40 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells on Shi-fix coverslips stained with the chimeric rabbit IgG version of RAB-S40 () at 10ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue) and the actin stain is phalloidin (red). Panels show from left-right, top-bottom , DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FOXP4 antibody	Recombinant monoclonal antibody to FOXP4. Recombinant Platform with variable regions (i.e. specificity) from the phage display antibody RAB-S40. This antibody was obtained by recombinant antibody (rAb) phage display recognizing FOXP4 protein under non-denaturing conditions.
Product Categories/Family for anti-FOXP4 antibody	immunology ; cancer ; cell biology
References	N/A Note on publication: More information on this antibody can be found on the website of the Recombinant Antibody Network.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29789367
NCBI GeneID	116113
NCBI Accession #	NP_612466
NCBI GenBank Nucleotide #	NM_138457
UniProt Accession #	Q8IVH2 ; Q5W098 ; Q7Z7F8 ; Q8IW55 ; Q96E19
Molecular Weight	72,216 Da
NCBI Official Full Name	forkhead box protein P4 isoform 2
NCBI Official Synonym Full Names	forkhead box P4
NCBI Official Symbol	FOXP4
NCBI Official Synonym Symbols	hFKHLA
NCBI Protein Information	forkhead box protein P4; fork head-related protein like A; fork head-related protein-like A; winged-helix repressor FOXP4
UniProt Protein Name	Forkhead box protein P4
UniProt Gene Name	FOXP4
UniProt Synonym Gene Names	FKHLA
UniProt Entry Name	FOXP4_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/foxp4-antibody-clone-rab-s40-flow-cytometry-immunofluorescence-immunoprecipitation-elisa/72221>