RecomAb™

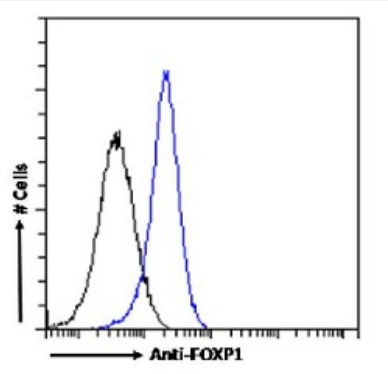
FOXP1 recombinant monoclonal antibody, clone RAB-S37

Catalog # RAB03471 Size 200 ug

Applications

Immunofluorescence

Immunofluorescent staining of MCF-7 cells with FOXP1 recombinant monoclonal antibody, clone RAB-S37 (Cat # RAB03471)
Immunofluorescence analysis of paraformaldehyde fixed MCF-7 cells, permeabilized with 0.15% Triton stained with the chimeric r version of RAB03471 at a dilution of 1:100 for 1h followed by Alexa Fluor® 488 secondary antibody at a dilution of 1:1000, showing cytoplasmic staining. The nuclear stain is DAPI (blue). The isotype control was stained with an unknown specificity antibody followed by Alexa Fluor® 488 secondary antibody.
(A) RAB03471
(B) DAPI
(C) Merged channels
(D) Isotype control



Flow Cytometry

Flow cytometric analysis of MCF-7 cells with the FOXP1 recombinant monoclonal antibody, clone RAB-S37 (Cat # RAB03471).
MCF-7 permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control-black line) or the r version of RAB03471 (blue line) at a dilution of 1:100 for 1h at RT. After washing the bound antibody was detected using a goat anti-r AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.

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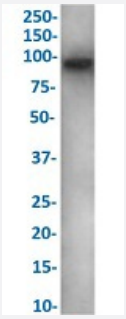

Western Blot

Western blot analysis of human skeletal muscle tissue with FEN1 recombinant monoclonal antibody, clone SAIC-21C-4 (Cat # RAB03447).
Western Blot analysis the tissue lysates (35 ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rsion of RAB03471 at 0.003 ug/mL before detection using an anti-rondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human FOXP1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against FOXP1 protein under non-denaturing conditions.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry Immunofluorescence Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

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- Immunofluorescence

Immunofluorescent staining of MCF-7 cells with FOXP1 recombinant monoclonal antibody, clone RAB-S37 (Cat # RAB03471) Immunofluorescence analysis of paraformaldehyde fixed MCF-7 cells, permeabilized with 0.15% Triton stained with the chimeric r version of RAB03471 at a dilution of 1:100 for 1h followed by Alexa Fluor® 488 secondary antibody at a dilution of 1:1000, showing cytoplasmic staining. The nuclear stain is DAPI (blue). The isotype control was stained with an unknown specificity antibody followed by Alexa Fluor® 488 secondary antibody.
(A) RAB03471
(B) DAPI
(C) Merged channels
(D) Isotype control

- Flow Cytometry

Flow cytometric analysis of MCF-7 cells with the FOXP1 recombinant monoclonal antibody, clone RAB-S37 (Cat # RAB03471). MCF-7 permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control-black line) or the r version of RAB03471 (blue line) at a dilution of 1:100 for 1h at RT. After washing the bound antibody was detected using a goat anti-r AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot

Western blot analysis of human skeletal muscle tissue with FEN1 recombinant monoclonal antibody, clone SAIC-21C-4 (Cat # RAB03447).
Western Blot analysis the tissue lysates (35 ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rsion of RAB03471 at 0.003 ug/mL before detection using an anti-rondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.

Gene Info — FOXP1

Entrez GeneID	27086
Gene Name	FOXP1
Gene Alias	12CC4, FLJ23741, HSPC215, MGC12942, MGC88572, MGC99551, QRF1, hFKH1B
Gene Description	forkhead box P1
Omim ID	605515
Gene Ontology	Hyperlink

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Gene Summary	This gene belongs to subfamily P of the forkhead box (FOX) transcription factor family. Forkhead box transcription factors play important roles in the regulation of tissue- and cell type-specific gene transcription during both development and adulthood. Forkhead box P1 protein contains both DNA-binding- and protein-protein binding-domains. This gene may act as a tumor suppressor as it is lost in several tumor types and maps to a chromosomal region (3p14.1) reported to contain a tumor suppressor gene(s). Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq
Other Designations	fork head-related protein like B|glutamine-rich factor 1

Disease

- Apraxias
- Cardiovascular Diseases
- Developmental Disabilities
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Tobacco Use Disorder
- Vitiligo

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