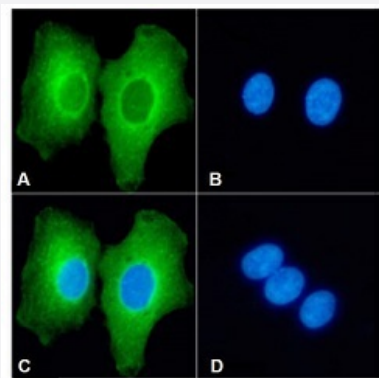


RecomAb™

L3MBTL1 recombinant monoclonal antibody, clone RAB-C213

Catalog # RAB03619 Size 200 ug

Applications

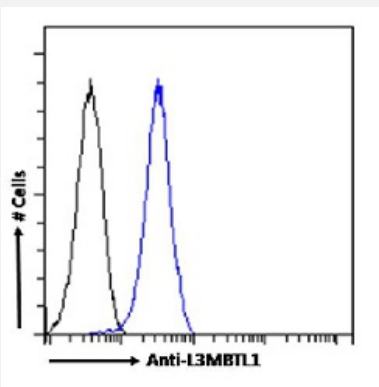


Immunofluorescence

Immunofluorescent staining of Kelly cells with L3MBTL1 recombinant monoclonal antibody, clone RAB-C213 (Cat # RAB03619).

Immunofluorescence analysis of paraformaldehyde fixed Kelly cells permeabilized with 0.15% Triton stained with the chimeric r version of RAB03619 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) RAB03619
- (B) DAPI
- (C) Merged channels
- (D) Isotype control



Flow Cytometry

Flow cytometric analysis of Kelly cells with L3MBTL1 recombinant monoclonal antibody, clone RAB-C213 (Cat # RAB03619).

The fixed Kelly cells were permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control-black line) or the r version of RAB03619 (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.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human L3MBTL1.
Antibody Species	Rabbit

Immunogen	Original antibody is raised against L3MBTL1 protein under non-denaturing conditions.
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	ChIP ELISA Flow Cytometry Immunofluorescence The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% Proclin 300)
Storage Instruction	Store at 4°C for 3 months. For long term storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- ChIP

- Immunofluorescence

Immunofluorescent staining of Kelly cells with L3MBTL1 recombinant monoclonal antibody, clone RAB-C213 (Cat # RAB03619). Immunofluorescence analysis of paraformaldehyde fixed Kelly cells permeabilized with 0.15% Triton stained with the chimeric r version of RAB03619 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) RAB03619

(B) DAPI

(C) Merged channels

(D) Isotype control

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Flow cytometric analysis of Kelly cells with L3MBTL1 recombinant monoclonal antibody, clone RAB-C213 (Cat # RAB03619). The fixed Kelly cells were permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control- black line) or the r version of RAB03619 (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.

Gene Info — L3MBTL

Entrez GeneID	26013
Gene Name	L3MBTL
Gene Alias	DKFZp586P1522, FLJ41181, H-L(3)MBT, KIAA0681, L3MBTL1, dJ138B7.3
Gene Description	l(3)mbt-like (Drosophila)
Omim ID	608802
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes the homolog of a protein identified in Drosophila as a suppressor of malignant transformation of neuroblasts and ganglion-mother cells in the optic centers of the brain. This gene product is localized to condensed chromosomes in mitotic cells. Overexpression of this gene in a glioma cell line results in improper nuclear segregation and cytokinesis producing multinucleated cells. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000031024 l(3)mbt-like lethal (3) malignant brain tumor l(3)