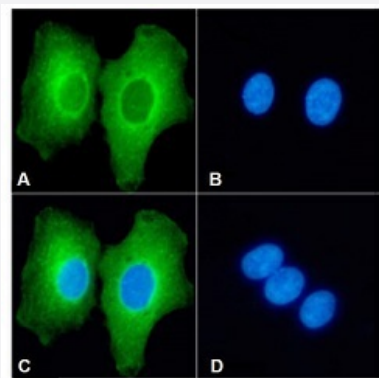


RecomAb™

# L3MBTL1 recombinant monoclonal antibody, clone RAB-C213

Catalog # RAB03619      Size 200 ug

## Applications

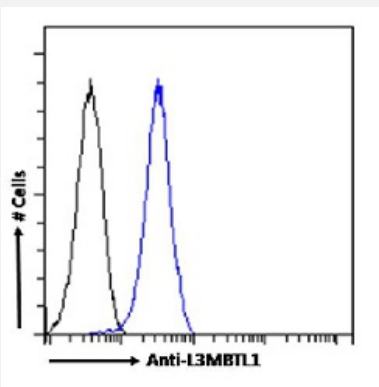


### Immunofluorescence

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

<b>Immunogen</b>	Original antibody is raised against L3MBTL1 protein under non-denaturing conditions.
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	ChIP ELISA Flow Cytometry Immunofluorescence The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.02% Proclin 300)
<b>Storage Instruction</b>	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	<a href="#">26013</a>
Gene Name	L3MBTL
Gene Alias	DKFZp586P1522, FLJ41181, H-L(3)MBT, KIAA0681, L3MBTL1, dJ138B7.3
Gene Description	l(3)mbt-like (Drosophila)
Omim ID	<a href="#">608802</a>
Gene Ontology	<a href="#">Hyperlink</a>
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)