

Anti-L3MBTL3 Recombinant Mouse Monoclonal Antibody

Publication Number: MAN0006655

Rev. 2.00

Catalog Number: 730001

Store at 2 to 8°C (short-term), or -20°C (long-term)

Clonality: Monoclonal
Concentration: 0.5 mg/mL
Quantity: 100 µg
Volume: 200 µL

Host/Class: Mouse IgG1
Reactivity: Human L3MBTL3
Predicted Reactivity: Human

Product Description

Lethal(3)malignant brain tumor-like protein 3 (L3MBTL3) is a member of the Polycomb group (PcG) protein family. PcG proteins have the ability to modify of chromatin and maintain genes in a transcriptionally repressed state, rendering it heritably changed in its expressibility. L3MBTL3 is involved in myelopoiesis and required for normal maturation of myeloid progenitor cells.

This antibody was developed against a fully folded protein domain, so it does not show good reactivity against denatured proteins, and may not work in western blot applications.

Product Specifications

Immunogen: Folded protein domain corresponding to amino acids 229–551 (MBT repeat) of human L3MBTL3
Alternate Names: LMBL3, KIAA1798, MBT1
Predicted MW: 88.3 kDa
Gene ID: 84456
Protein Accession No.: Q96JM7
Sequence Identity: Human
Lot: See product label

Product Applications

Application	Species	Test Material	Concentration
Immunoprecipitation	Human	HEK293	2 µg per IP
Immunoprecipitation + Mass Spectrometry	Human	HEK293	2 µg per IP

Storage and Handling

Store the antibody at 2°C to 8°C for up to 1 month, -20°C for long storage. Avoid repeated freezing and thawing.

Stability

When stored as instructed, expires one year from date of receipt unless otherwise indicated on product label

Storage Buffer

Phosphate buffered saline (PBS) with 0.09% sodium azide.

Caution: Sodium azide is an extremely toxic and dangerous compound particularly when combined with acids or metals. Properly dispose of solutions containing sodium azide.

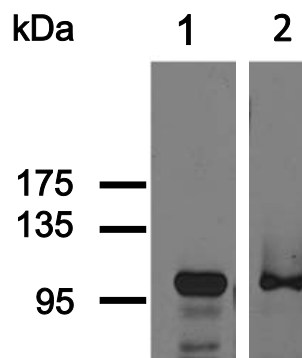


Figure 1 Immunoprecipitation analysis using Anti-L3MBTL3 Recombinant Mouse Monoclonal Antibody (Cat. no. 730001) followed by western blot detection.

Immunoprecipitation was performed on HEK293 cells overexpressing flag-tagged L3MBTL3 protein. Western blot using an anti-flag antibody was performed on the raw lysate (lane 1) and immunoprecipitated protein (lane 2) to evaluate the results of immunoprecipitation.

For research use only. Not for use in diagnostic procedures.

Product Documentation








To obtain a Certificate of Analysis or Safety Data Sheets (SDSs), visit www.lifetechnologies.com/support.

Related Products

Product Name	Quantity	Catalog No.
iBlot® Dry Blotting System	1 unit	IB1001
WesternBreeze® Chromogenic Kit Anti-Rabbit	1 kit	WB7105
WesternBreeze® Chemiluminescent Kit, Anti-Rabbit	1 kit	WB7106

Limited Product Warranty

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Symbol	Description	Symbol	Description	Symbol	Description
	Manufacturer		Catalog number		Batch code
	Use by		Temperature limitation		
	Consult instructions for use		Caution, consult accompanying documents		

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