

## Product datasheet for **CF809709**

### L3MBTL3 Mouse Monoclonal Antibody [Clone ID: OT11H2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OT11H2
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 98-319 of human L3MBTL3 (NP_001007103) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Homo sapiens L3MBTL histone methyl-lysine binding protein 3 (L3MBTL3), transcript variant 2, mRNA.
Database Link:	<a href="#">NP_001007103</a> <a href="#">Entrez Gene 237339 Mouse</a> <a href="#">Entrez Gene 309550 Rat</a> <a href="#">Entrez Gene 84456 Human</a> <a href="#">Q96JM7</a>



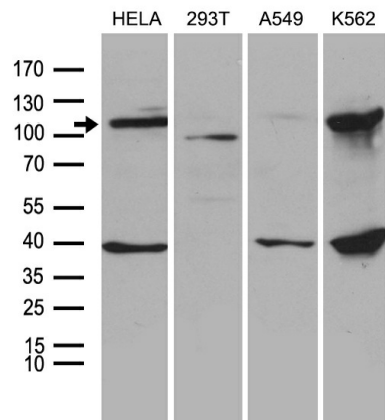
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**Background:**

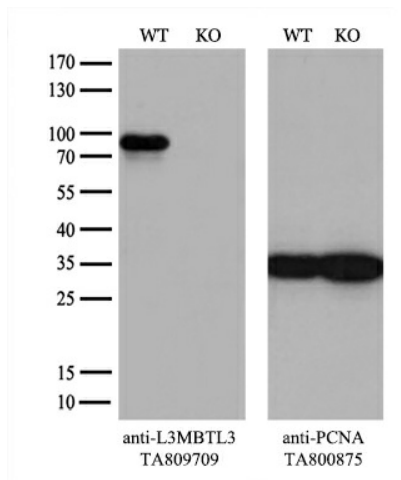
Putative Polycomb group (PcG) protein. PcG proteins maintain the transcriptionally repressive state of genes, probably via a modification of chromatin, rendering it heritably changed in its expressibility. Required for normal maturation of myeloid progenitor cells. [UniProtKB/Swiss-Prot Function]

**Synonyms:**

MBT-1; MBT1

**Product images:**


Western blot analysis of extracts (35ug) from 4 different cell lines by using anti-L3MBTL3 monoclonal antibody (1:500).



Equivalent amounts of cell lysates (10 ug per lane) of wild-type HEK293T cells (WT, Cat# LC810293T) and L3MBTL3-Knockout HEK293T cells (KO, Cat# [LC846133]) were separated by SDS-PAGE and immunoblotted with anti-L3MBTL3 monoclonal antibody [TA809709] (1:500). Then the blotted membrane was stripped and reprobed with anti-PCNA antibody as a loading control.