

## Product datasheet for **CF807308**

### **MALT1 Mouse Monoclonal Antibody [Clone ID: OT1E4]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OT1E4
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:500~2000
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human MALT1 (NP_006776) produced in HEK293T cell.
<b>Formulation:</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Reconstitution Method:</b>	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)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	MALT1 paracaspase
<b>Database Link:</b>	<a href="#">NP_006776</a> <a href="#">Entrez Gene 240354 Mouse</a> <a href="#">Entrez Gene 307366 Rat</a> <a href="#">Entrez Gene 10892 Human</a> <a href="#">Q9UDY8</a>



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**Background:**

This gene has been found to be recurrently rearranged in chromosomal translocation with two other genes - baculoviral IAP repeat-containing protein 3 (also known as apoptosis inhibitor 2) and immunoglobulin heavy chain locus - in mucosa-associated lymphoid tissue lymphomas. The protein encoded by this gene may play a role in NF-kappaB activation. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]

**Synonyms:**

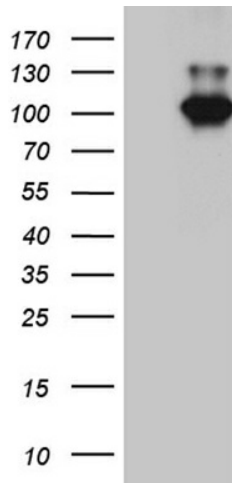
IMD12; MLT; MLT1

**Protein Families:**

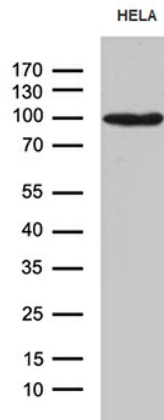
Druggable Genome, Protease

**Protein Pathways:**

B cell receptor signaling pathway, T cell receptor signaling pathway

**Product images:**


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MALT1 ([RC214639], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MALT1 (1:2000). Positive lysates [LY402030] (100ug) and [LC402030] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from HELA cell line by using anti-MALT1 monoclonal antibody (1:500).