

## Product datasheet for **CF812811**

### MSF (SEPT9) Mouse Monoclonal Antibody [Clone ID: OTI3G2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3G2
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SEPT9 (NP_006631) produced in HEK293T cell.
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.
Predicted Protein Size:	63.5 kDa
Gene Name:	septin 9
Database Link:	<a href="#">NP_006631</a> <a href="#">Entrez Gene 10801 Human</a> <a href="#">Q9UHD8</a>



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**Background:**

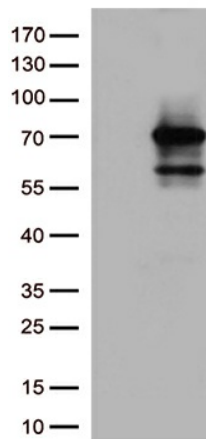
This gene is a member of the septin family involved in cytokinesis and cell cycle control. This gene is a candidate for the ovarian tumor suppressor gene. Mutations in this gene cause hereditary neuralgic amyotrophy, also known as neuritis with brachial predilection. A chromosomal translocation involving this gene on chromosome 17 and the MLL gene on chromosome 11 results in acute myelomonocytic leukemia. Multiple alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Mar 2009]

**Synonyms:**

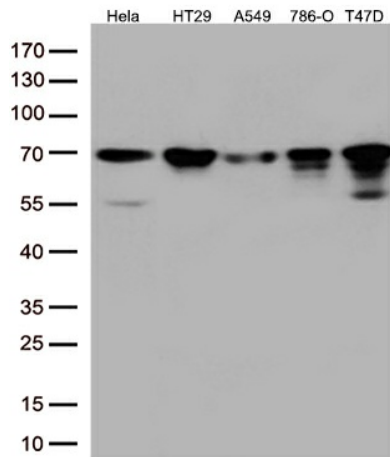
AF17q25; MSF; MSF1; NAPB; PNUTL4; SEPT9; SeptD1; SINT1

**Protein Families:**

Druggable Genome

**Product images:**


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SEPT9 ([RC200264], 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-SEPT9 (1:2000).



Western blot analysis of extracts (35ug) from 5 cell lines lysates by using anti-SEPT9 monoclonal antibody (1:500).