



Septin 4 Mouse mAb

Catalog No	YP-mAb-19222
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	
Protein Name	
Immunogen	Recombinant protein (or fragment). This information is considered to be commercially sensitive
Specificity	
Formulation	
Source	Monoclonal,Mouse,IgG
Purification	Affinity purification
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	H5; ARTS; MART; SEP4; CE5B3; SEPT4; PNUTL2; hucep-7; BRADEION; C17orf47; hCDCREL-2; Septin 4
Observed Band	45kDa
Calculated Molecular Weight	55kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	This gene is a member of the septin family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, <i>Drosophila</i> , and mouse, and appear to regulate cytoskeletal organization. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. This gene is highly expressed in brain and heart. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. One of the isoforms (known as ARTS) is distinct; it is localized to the mitochondria, and has a role in apoptosis and cancer.



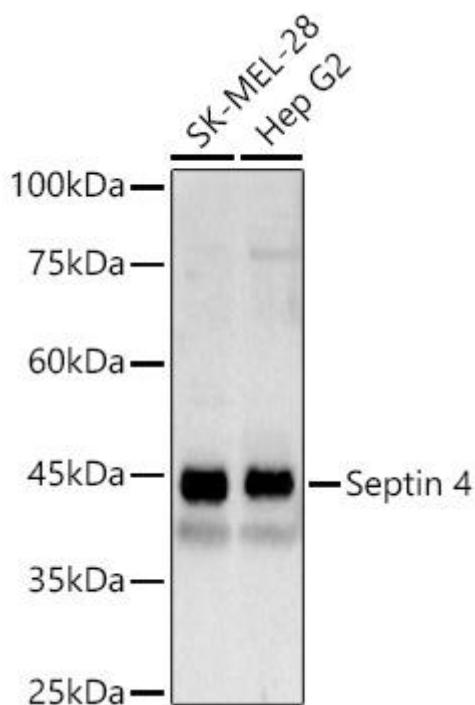
**matters needing
attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of various lysates using Septin 4 Mouse mAb (A10238) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates / proteins: 25 μ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.