



## SRM monoclonal antibody (M04A), clone 2C1

Catalog # : H00006723-M04A

規格 : [ 200 uL ]

List All

Specification	Application Image
<b>Product Description:</b> Mouse monoclonal antibody raised against a partial recombinant SRM.	ELISA
<b>Immunogen:</b> SRM (AAH00309, 203 a.a. ~ 301 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.	
<b>Sequence:</b> LCCQGECQWLHLDLIKEMRQFCQSLFPVWAYAYCTIPTYPSGQIGFMLC SKNPSTNFQEPVQPLTQQQVAQMQLKYNSDVHRAAFVLPEFARKALN DV	
<b>Host:</b> Mouse	
<b>Reactivity:</b> Human	
<b>Isotype:</b> IgG1 Kappa	
<b>Quality Control Testing:</b> Antibody Reactive Against Recombinant Protein.	
<b>Storage Buffer:</b> In ascites fluid	
<b>Storage Instruction:</b> Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.	
<b>MSDS:</b>  <a href="#">Download</a>	
<b>Interspecies Antigen Sequence:</b> Mouse (94); Rat (95)	
<b>Datasheet:</b>  <a href="#">Download</a>	
<b>Applications</b>	
ELISA	
<b>Gene Information</b>	
<b>Entrez GeneID:</b> <a href="#">6723</a>	
<b>GeneBank Accession#:</b> <a href="#">BC000309</a>	
<b>Protein Accession#:</b> <a href="#">AAH00309</a>	
<b>Gene Name:</b> SRM	
<b>Gene Alias:</b> PAPT,SPDSY,SPS1,SRML1	
<b>Gene:</b> spermidine synthase	

**Description:**

Omim ID: [182891](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The polyamines putrescine, spermine, and spermidine are ubiquitous polycationic mediators of cell growth and differentiation. Spermidine synthase is one of four enzymes in the polyamine-biosynthetic pathway and carries out the final step of spermidine biosynthesis. This enzyme catalyzes the conversion of putrescine to spermidine using decarboxylated S-adenosylmethionine as the cofactor. [provided by RefSeq]

**Other Designations:** OTTHUMP00000002170,putrescine aminopropyltransferase,spermidine synthase-1

**Gene Pathway**

[Arginine and proline metabolism](#) [beta-Alanine metabolism](#)

[Cysteine and methionine metabolism](#) [Glutathione metabolism](#) [Metabolic pathways](#)

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