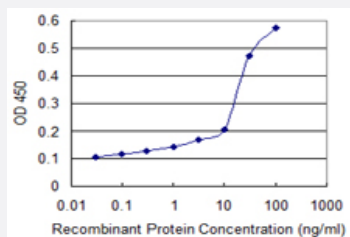


SRM monoclonal antibody (M04), clone 2C1

Catalog # H00006723-M04

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SRM is 1 ng/ml as a capture antibody.

Specification

| | |
|--------------------------------------|---|
| Product Description | Mouse monoclonal antibody raised against a partial recombinant SRM. |
| Immunogen | SRM (AAH00309, 203 a.a. ~ 301 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence | LCCQGECQWLHLDLIKEMRQFCQSLFPVVAYAYCTIPTYPGGQIGFMLCSKNPSTNFEQPVQPLT QQQVAQMQLKYNSDVHRAAFVLPEFARKALNDV |
| Host | Mouse |
| Reactivity | Human |
| Interspecies Antigen Sequence | Mouse (89); Rat (90) |
| Isotype | IgG1 Kappa |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein. |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SRM is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SRM

| | |
|---------------------|--|
| Entrez GeneID | 6723 |
| GeneBank Accession# | BC000309 |
| Protein Accession# | AAH00309 |
| Gene Name | SRM |
| Gene Alias | PAPT, SPDSY, SPS1, SRML1 |
| Gene Description | spermidine synthase |
| 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 |

Pathway

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

- [Metabolic pathways](#)