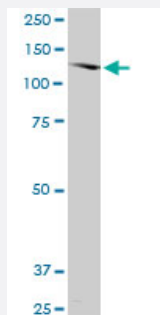


# SORCS2 monoclonal antibody (M03), clone 1D7

Catalog # H00057537-M03

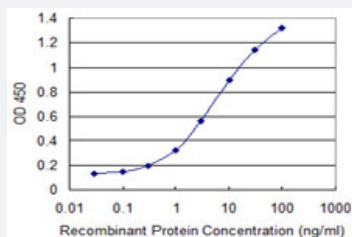
Size 100 ug

## Applications



### Western Blot (Cell lysate)

SORCS2 monoclonal antibody (M03), clone 1D7. Western Blot analysis of SORCS2 expression in HepG2 (Cat # L019V1).



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SORCS2 is 0.1 ng/ml as a capture antibody.

## Specification

|                            |                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Mouse monoclonal antibody raised against a partial recombinant SORCS2.                                                |
| <b>Immunogen</b>           | SORCS2 (NP_065828.1, 802 a.a. ~ 900 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>            | VLRVLDQFQVMP LQFSKELDAYNPNTPEWREDVGLVVTRLLSKETSVPQELLVTVVKPGLPTLA<br>DLYVLLPPRPTRKRSLSDDKRLAAIQQLNAQKI                |
| <b>Host</b>                | Mouse                                                                                                                 |
| <b>Reactivity</b>          | Human                                                                                                                 |
| <b>Isotype</b>             | IgG2a 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

- Western Blot (Cell lysate)

SORCS2 monoclonal antibody (M03), clone 1D7. Western Blot analysis of SORCS2 expression in HepG2(Cat # L019V1 ).

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SORCS2 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — SORCS2

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| Entrez GeneID       | <a href="#">57537</a>                               |
| GeneBank Accession# | <a href="#">NM_020777.1</a>                         |
| Protein Accession#  | <a href="#">NP_065828.1</a>                         |
| Gene Name           | SORCS2                                              |
| Gene Alias          | -                                                   |
| Gene Description    | sortilin-related VPS10 domain containing receptor 2 |
| Omim ID             | <a href="#">606284</a>                              |
| Gene Ontology       | <a href="#">Hyperlink</a>                           |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Summary | This gene encodes one family member of vacuolar protein sorting 10 (VPS10) domain-containing receptor proteins. The VPS10 domain name comes from the yeast carboxypeptidase Y sorting receptor Vps10 protein. Members of this gene family are large with many exons but the CDS lengths are usually less than 3700 nt. Very large introns typically separate the exons encoding the VPS10 domain; the remaining exons are separated by much smaller-sized introns. These genes are strongly expressed in the central nervous system. [provided by RefSeq] |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Other Designations**

VPS10 domain receptor protein|VPS10 domain receptor protein SORCS 2

**Disease**

- [Bipolar Disorder](#)
- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Neoplasm Invasiveness](#)
- [Prostatic Neoplasms](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)