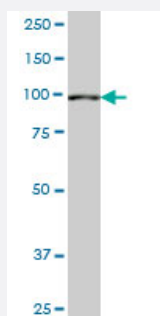


# SETDB2 monoclonal antibody (M07A), clone 1E2

Catalog # H00083852-M07A

Size 200 uL

## Applications



### Western Blot (Cell lysate)

SETDB2 monoclonal antibody (M07A), clone 1E2. Western Blot analysis of SETDB2 expression in MES-SA/Dx5 ( Cat # L021V1 ).

## Specification

|                                |                                                                                                                       |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Mouse monoclonal antibody raised against a partial recombinant SETDB2.                                                |
| <b>Immunogen</b>               | SETDB2 (NP_114121.1, 620 a.a. ~ 719 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>                | KNTSSDSLTKFNKGNVFLLDATKEGNVGRFLNHSCCPNLLVQNVFVETHNRNFPPLVAFFTNRYVK<br>ARTELTWDYGYEAGTVPEKEIFCQCGV NKCRKKIL            |
| <b>Host</b>                    | Mouse                                                                                                                 |
| <b>Reactivity</b>              | Human                                                                                                                 |
| <b>Isotype</b>                 | IgG2a 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.                                              |

## Applications

- Western Blot (Cell lysate)

SETDB2 monoclonal antibody (M07A), clone 1E2. Western Blot analysis of SETDB2 expression in MES-SA/Dx5 ( Cat # L021V1 ).

[Protocol Download](#)

- ELISA

## Gene Info — SETDB2

|                     |                                                                                                                                                                                                                                                                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">83852</a>                                                                                                                                                                                                                                                                                                                                      |
| GeneBank Accession# | <a href="#">NM_031915</a>                                                                                                                                                                                                                                                                                                                                  |
| Protein Accession#  | <a href="#">NP_114121.1</a>                                                                                                                                                                                                                                                                                                                                |
| Gene Name           | SETDB2                                                                                                                                                                                                                                                                                                                                                     |
| Gene Alias          | C13orf4, CLLD8, CLLL8, DKFZp586I0123, DKFZp761J1217, KMT1F                                                                                                                                                                                                                                                                                                 |
| Gene Description    | SET domain, bifurcated 2                                                                                                                                                                                                                                                                                                                                   |
| Omim ID             | <a href="#">607865</a>                                                                                                                                                                                                                                                                                                                                     |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                  |
| Gene Summary        | Proteins that contain a SET domain, such as SETDB2, modulate gene expression epigenetically through histone H3 (see MIM 601128) methylation. SETDB2 is likely a histone H3 methyltransferase, as it contains both the active site and flanking cysteine residues required for catalytic activity ( Zhang et al., 2003 [PubMed 12754510]).[supplied by OMIM |
| Other Designations  | CLLL8 protein OTTHUMP00000018417                                                                                                                                                                                                                                                                                                                           |

## Pathway

- [Lysine degradation](#)

## Disease

- [Asthma](#)
- [Eczema](#)
- [Hypersensitivity](#)
- [Respiratory Sounds](#)
- [Rhinitis](#)