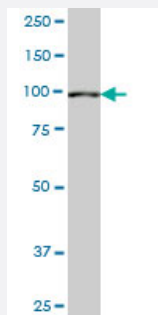


SETDB2 monoclonal antibody (M07), clone 1E2

Catalog # H00083852-M07

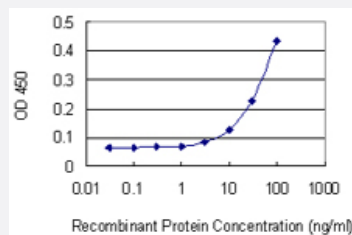
Size 50 ug

Applications



Western Blot (Cell lysate)

SETDB2 monoclonal antibody (M07), clone 1E2. Western Blot analysis of SETDB2 expression in MES-SA/Dx5 (Cat # L021V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SETDB2 is 3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SETDB2.
Immunogen	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.
Sequence	KNTSSDSLTKFNKGNVFLLDATKEGNVGRFLNHSCCPNLLVQNVFVETHNRNFPLVAFFTNRYVK ARTELTWDYGYEAGTVPEKEIFCQCGV NKCRKKIL
Host	Mouse
Reactivity	Human
Isotype	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)

SETDB2 monoclonal antibody (M07), clone 1E2. Western Blot analysis of SETDB2 expression in MES-SA/Dx5 (Cat # L021V1).

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SETDB2 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SETDB2

Entrez GeneID	83852
GeneBank Accession#	NM_031915
Protein Accession#	NP_114121.1
Gene Name	SETDB2
Gene Alias	C13orf4, CLLD8, CLLL8, DKFZp586I0123, DKFZp761J1217, KMT1F
Gene Description	SET domain, bifurcated 2
Omim ID	607865
Gene Ontology	Hyperlink
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](#)