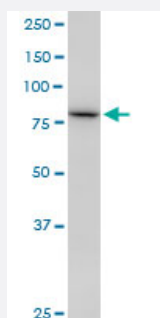


SETDB2 monoclonal antibody (M17), clone 2F4

Catalog # H00083852-M17

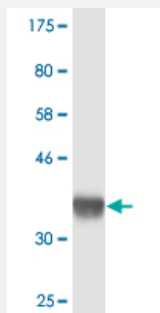
Size 100 ug

Applications



Western Blot (Cell lysate)

SETDB2 monoclonal antibody (M17), clone 2F4. Western Blot analysis of SETDB2 expression in A-431(Cat # L015V1).



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SETDB2.
Immunogen	SETDB2 (NP_114121.1, 451 a.a. ~ 550 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	HPRTAKTEKCPPKFSNNPKELTMETKYDNISRIQYHSVIRDPESKTAIFQHNGKKMEFVSSESVTP EDNDGFKPPREHLNSKTKGAQKDSSSNHVDEFED
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.74 KDa) .

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 (M17), clone 2F4. Western Blot analysis of SETDB2 expression in A-431(Cat # L015V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[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

Publication Reference

- [SETDB2 Links E2A-PBX1 to Cell-Cycle Dysregulation in Acute Leukemia through CDKN2C Repression.](#)

Lin CH, Wong SH, Kurzer JH, Schneidawind C, Wei MC, Duque-Afonso J, Jeong J, Feng X, Cleary ML.

Cell Reports 2018 Apr; 23(4):1166.

Application: ChIP, WB, Human, RCH-ACV, 697 cells

Pathway

- [Lysine degradation](#)

Disease

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