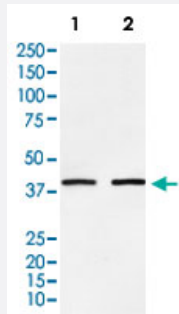


SMYD3 monoclonal antibody, clone ADHE-19

Catalog # MAB22188 Size 100 uL

Applications



Western Blot

Western Blot analysis of (1) HeLa cell lysate, (2) NIH/3T3 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human SMYD3.
Immunogen	A synthetic peptide corresponding to human SMYD3.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody reacts with human, mouse, rat SMYD3, in native form and recombinant. Superfamily members of SMYD3 are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of (1) HeLa cell lysate, (2) NIH/3T3 cell lysate.

Gene Info — SMYD3

Entrez GeneID[64754](#)**Protein Accession#**[Q9H7B4](#)**Gene Name**

SMYD3

Gene Alias

FLJ21080, MGC104324, ZMYND1, ZNFN3A1, bA74P14.1

Gene Description

SET and MYND domain containing 3

Omim ID[608783](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

SMYD3 is a histone methyltransferase that plays a role in transcriptional regulation as a member of an RNA polymerase complex.[supplied by OMIM]

Other Designations

bA74P14.1 (novel protein)|zinc finger protein, subfamily 3A (MYND domain containing), 1|zinc finger, MYND domain containing 1

Disease

- [Breast cancer](#)
- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Liver Neoplasms](#)

- [Neoplasms](#)
- [Tobacco Use Disorder](#)