SMYD3 mouse monoclonal antibody (hybridoma)

Catalog # H00064754-M Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant SMYD3.
Immunogen	SMYD3 (NP_073580.1, 1 a.a. ~ 369 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MRCSQCRVAKYCSAKCQKKAWPDHKRECKCLKSCKPRYPPDSVRLLGRVVFKLMDGAPSESE KLYSFYDLESNINKLTEDKKEGLRQLVMTFQHFMREEIQDASQLPPAFDLFEAFAKVICNSFTICNA EMQEVGVGLYPSISLLNHSCDPNCSIVFNGPHLLLRAVRDIEVGEELTICYLDMLMTSEERRKQLR DQYCFECDCFRCQTQDKDADMLTGDEQVWKEVQESLKKIEELKAHWKWEQVLAMCQAIISSNS ERLPDINIYQLKVLDCAMDACINLGLLEEALFYGTRTMEPYRIFFPGSHPVRGVQVMKVGKLQLHQ GMFPQAMKNLRLAFDIMRVTHGREHSLIEDLILLLEECDANIRAS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (95)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee-for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — SMYD3

Entrez GeneID	64754
GeneBank Accession#	NM_022743.1
Protein Accession#	NP_073580.1
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