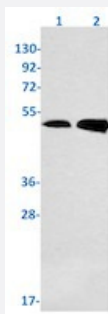


RecomAb™

SMYD3 recombinant monoclonal antibody, clone R03-2I7

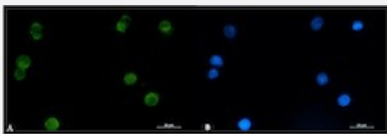
Catalog # RAB01905 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane1: Jurkat and Lane2: Hela lysates with SMYD3 recombinant monoclonal antibody, clone R03-2I7 (Cat # RAB01905).



Immunocytochemistry

Immunocytochemical staining of K562 with SMYD3 recombinant monoclonal antibody, clone R03-2I7 (Cat # RAB01905). (A) SMYD3 (green) and (B) DAPI (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SMYD3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human SMYD3.
Theoretical MW (kDa)	Calculated MW: 49 kD
Reactivity	Human
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	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 Lane1: Jurkat and Lane2: Hela lysates with SMYD3 recombinant monoclonal antibody, clone R03-217 (Cat # RAB01905).

- Immunohistochemistry

- Immunocytochemistry

Immunocytochemical staining of K562 with SMYD3 recombinant monoclonal antibody, clone R03-217 (Cat # RAB01905). (A) SMYD3 (green) and (B) DAPI (blue).

- Immunofluorescence

- Immunoprecipitation

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](#)