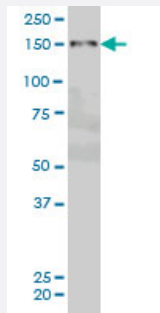


ZMYND8 monoclonal antibody (M01), clone 5B12

Catalog # H00023613-M01

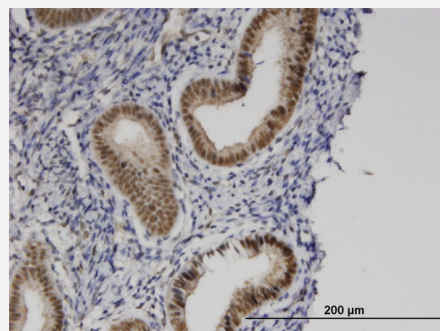
Size 100 ug

Applications



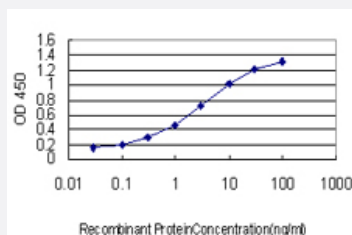
Western Blot (Cell lysate)

ZMYND8 monoclonal antibody (M01), clone 5B12 Western Blot analysis of ZMYND8 expression in HeLa S3 NE (Cat # L013V3).



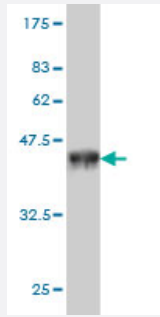
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ZMYND8 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 0.25 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ZMYND8 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ZMYND8.
Immunogen	ZMYND8 (NP_898869, 601 a.a. ~ 698 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DEQSKNEPEDTEDKEGCQMDKEPSAVKKKKPKPTNPVEIKEELKSTSPASEKADPGAVKDKAS PEPEKDFSEKAKPSPHPIKDKLKGKDETDSPTVHL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (76)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 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)

ZMYND8 monoclonal antibody (M01), clone 5B12 Western Blot analysis of ZMYND8 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ZMYND8 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 0.25 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ZMYND8 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ZMYND8

Entrez GeneID [23613](#)

GeneBank Accession# [NM_183048](#)

Protein Accession# [NP_898869](#)

Gene Name ZMYND8

Gene Alias MGC31836, PRKCBP1, PRO2893, RACK7

Gene Description zinc finger, MYND-type containing 8

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a receptor for activated C-kinase (RACK) protein. The encoded protein has been shown to bind in vitro to activated protein kinase C beta I. In addition, this protein is a cutaneous T-cell lymphoma-associated antigen. Finally, the protein contains a bromodomain and two zinc fingers, and is thought to be a transcriptional regulator. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq]

Other Designations CTCL tumor antigen se14-3|cutaneous T-cell lymphoma associated antigen se14-3|predicted protein of HQ2893|protein kinase C binding protein 1|zinc finger MYND domain containing protein 8

Publication Reference

- [Physical and functional interactions between the histone H3K4 demethylase KDM5A and the nucleosome remodeling and deacetylase \(NuRD\) complex.](#)

Nishibuchi G, Shibata Y, Hayakawa T, Hayakawa N, Ohtani Y, Sinmyozu K, Tagami H, Nakayama J.

The Journal of Biological Chemistry 2014 Oct; 289(42):28956.

Application: WB-Ce, Human, HEK293T, HeLa cells

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Kidney Failure](#)