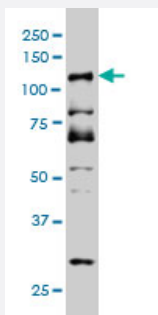


# DMTF1 monoclonal antibody (M03), clone 5C6

Catalog # H00009988-M03

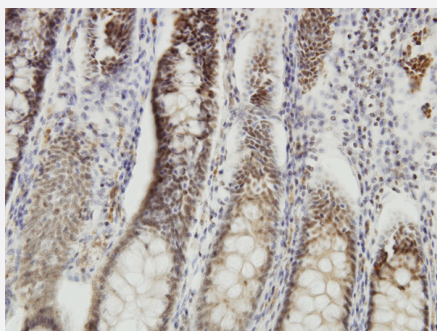
Size 100 ug

## Applications



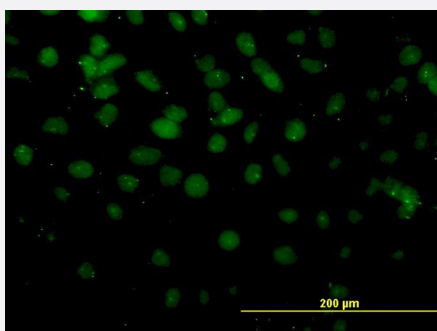
### Western Blot (Cell lysate)

DMTF1 monoclonal antibody (M03), clone 5C6 Western Blot analysis of DMTF1 expression in HeLa S3 NE ( Cat # L013V3 ).



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

Immunoperoxidase of monoclonal antibody to DMTF1 on formalin-fixed paraffin-embedded human colon. [antibody concentration 1 ug/ml]



### Immunofluorescence

Immunofluorescence of monoclonal antibody to DMTF1 on HeLa cell. [antibody concentration 30 ug/ml]

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant DMTF1.

Immunogen	DMTF1 (NP_066968, 661 a.a. ~ 760 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KQEESPSDLASAYVTEGLESTIEEQVDQTIDDETILVPSPHGFIQASDVIDTESVLPLTTLTDPILQHHQEESNIIGSSLGSPVSEDSKDVEDLVNCH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
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)

DMTF1 monoclonal antibody (M03), clone 5C6 Western Blot analysis of DMTF1 expression in HeLa S3 NE ( Cat # L013V3 ).

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to DMTF1 on formalin-fixed paraffin-embedded human colon. [antibody concentration 1 ug/ml]

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to DMTF1 on HeLa cell. [antibody concentration 30 ug/ml]

## Gene Info — DMTF1

Entrez GeneID [9988](#)

GeneBank Accession# [NM\\_021145](#)

Protein Accession#	<a href="#">NP_066968</a>
Gene Name	DMTF1
Gene Alias	DMP1, DMTF, FLJ25188, FLJ41265, FLJ76054, hDMP1
Gene Description	cyclin D binding myb-like transcription factor 1
Omim ID	<a href="#">608491</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene encodes a transcription factor that contains a cyclin D-binding domain, three central Myb-like repeats, and two flanking acidic transactivation domains at the N- and C-termini. The encoded protein is induced by the oncogenic Ras signaling pathway and functions as a tumor suppressor by activating the transcription of ARF and thus the ARF-p53 pathway to arrest cell growth or induce apoptosis. It also activates the transcription of aminopeptidase N and may play a role in hematopoietic cell differentiation. The transcriptional activity of this protein is regulated by binding of D-cyclins. This gene is hemizygotously deleted in approximately 40% of human non-small-cell lung cancer and is a potential prognostic and gene-therapy target for non-small-cell lung cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]</p>
Other Designations	cyclin D-binding Myb-like protein 1

## Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)