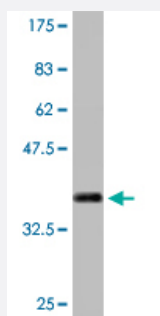


# MTA1 monoclonal antibody (M09A), clone 3A3

Catalog # H00009112-M09A

Size 200 uL

## Applications



Western Blot detection against Immunogen (36.74 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant MTA1.
<b>Immunogen</b>	MTA1 (NP_004680, 601 a.a. ~ 700 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MPSRGLANHGQTRHMGPSRNLLNGKSYPTKVRLIRGGSLPPVKRRRMNWIDAPDDVFYMATEE TRKIRKLLSSSETKRAARRPYKPIALRQSQUALPPRP
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (96); Rat (91)
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
<b>Storage Buffer</b>	In ascites fluid
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — MTA1

Entrez GeneID [9112](#)

GeneBank Accession# [NM\\_004689](#)

Protein Accession# [NP\\_004680](#)

Gene Name MTA1

Gene Alias -

Gene Description metastasis associated 1

Omim ID [603526](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

This gene encodes a protein that was identified in a screen for genes expressed in metastatic cell lines, specifically, mammary adenocarcinoma cell lines. Expression of this gene has been correlated with the metastatic potential of at least two types of carcinomas although it is also expressed in many normal tissues. The role it plays in metastasis is unclear. It was initially thought to be the 70kD component of a nucleosome remodeling deacetylase complex, NuRD, but it is more likely that this component is a different but very similar protein. These two proteins are so closely related, though, that they share the same types of domains. These domains include two DNA binding domains, a dimerization domain, and a domain commonly found in proteins that methylate DNA. The profile and activity of this gene product suggest that it is involved in regulating transcription and that this may be accomplished by chromatin remodeling. [provided by RefSeq]

**Other Designations** metastasis associated gene 1 protein|metastasis associated protein

## Disease

- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Obesity](#)