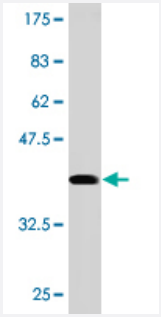
MTA1 monoclonal antibody (M11A), clone 3E7

Catalog # H00009112-M11A Size 200 uL

Applications



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MTA1.
Immunogen	MTA1 (NP_004680, 601 a.a. ~ 700 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPSRGLANHGQTRHMGPSRNLLLNGKSYPTKVRLIRGGSLPPVKRRRMNWIDAPDDVFYMATEETRKIRKLLSSSETKRAARRPYKPIALRQSQALPPRP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (91)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	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 cel ls, 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 m any 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 a nd activity of this gene product suggest that it is involved in regulating transcription and that this m ay 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