

## MTA1 monoclonal antibody

Catalog: MB22735

Host: Mouse

Reactivity: Human

### BackGround:

This gene encodes a protein that was identified in a screen for genes expressed in metastatic cells, 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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2011]

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

80.8kDa

### Swiss-Prot:

Q13330

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 FC:1/200 - 1/400

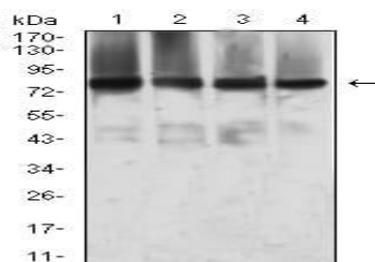
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

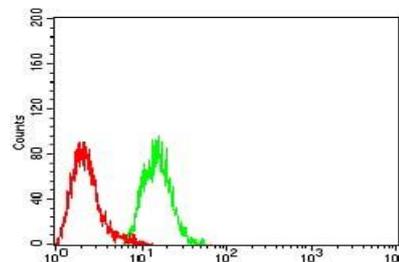
### Isotype:

Mouse IgG2b

### DATA:



Western blot analysis using MTA1 mouse mAb against SW480 (1), T47D (2), MCF-7 (3), and COS7 (4) cell lysate.



Flow cytometric analysis of HeLa cells using MTA1 mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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