

Recombinant Anti-MTA2 Rabbit mAb

Catalog # AP95066

Product Information

Application	WB, IHC, FC, IF/IC
Primary Accession	O94776
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	75023

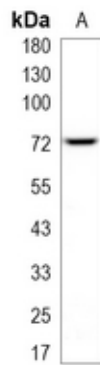
Additional Information

Gene ID	9219
Other Names	MTA1L1; PID; Metastasis-associated protein MTA2; Metastasis-associated 1-like 1; MTA1-L1 protein; p53 target protein in deacetylase complex
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human MTA2 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

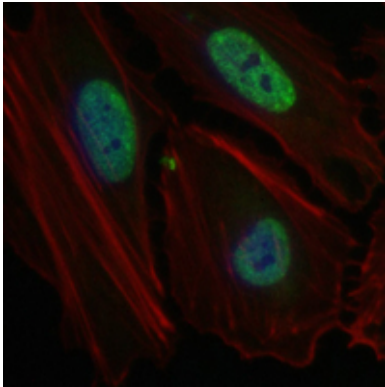
Protein Information

Name	MTA2
Synonyms	MTA1L1, PID
Function	May function as a transcriptional coregulator (PubMed: 16428440 , PubMed: 28977666). Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin (PubMed: 16428440 , PubMed: 28977666).
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00512, ECO:0000255 PROSITE-ProRule:PRU00624, ECO:0000269 PubMed:28977666, ECO:0000269 PubMed:33283408}
Tissue Location	Widely expressed.

Images



Western blot analysis of MTA2 expression in HeLa (A) whole cell lysates. (Predicted band size: 75 kD; Observed band size: 75 kD)



Immunofluorescent analysis of MTA2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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