

ARG43071 anti-MTA2 antibody

Package: 100 µl
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes MTA2 |
| Tested Reactivity | Hu |
| Tested Application | FACS, ICC/IF, IHC-P, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | MTA2 |
| Species | Human |
| Immunogen | Synthetic peptide derived from Human MTA2. |
| Conjugation | Un-conjugated |
| Alternate Names | p53 target protein in deacetylase complex; MTA1L1; PID; Metastasis-associated protein MTA2; Metastasis-associated 1-like 1; MTA1-L1 protein |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|----------------|
| | FACS | 1:100 |
| | ICC/IF | 1:50 - 1:200 |
| | IHC-P | 1:50 - 1:200 |
| | WB | 1:500 - 1:2000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | HeLa | |

Properties

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|---------------------|---|
| Form | Liquid |
| Purification | Affinity purified. |
| Buffer | PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

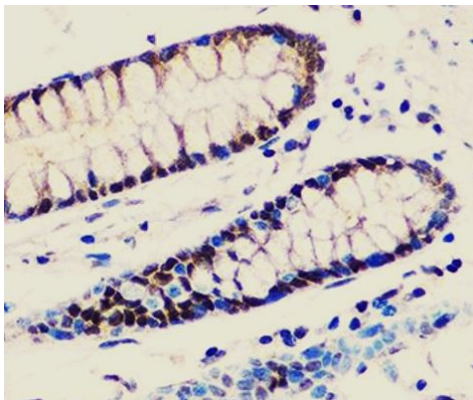
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

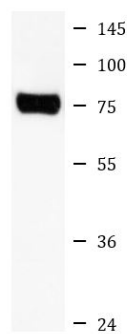
| | |
|-----------------------|---|
| Gene Symbol | MTA2 |
| Gene Full Name | metastasis associated 1 family, member 2 |
| Background | This gene encodes a protein that has been identified as a component of NuRD, a nucleosome remodeling deacetylase complex identified in the nucleus of human cells. It shows a very broad expression pattern and is strongly expressed in many tissues. It may represent one member of a small gene family that encode different but related proteins involved either directly or indirectly in transcriptional regulation. Their indirect effects on transcriptional regulation may include chromatin remodeling. It is closely related to another member of this family, a protein that has been correlated with the metastatic potential of certain carcinomas. These two proteins are so closely related 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. One of the proteins known to be a target protein for this gene product is p53. Deacetylation of p53 is correlated with a loss of growth inhibition in transformed cells supporting a connection between these gene family members and metastasis. [provided by RefSeq, May 2011] |
| Function | May be involved in the regulation of gene expression as repressor and activator. The repression might be related to covalent modification of histone proteins. [UniProt] |
| Calculated Mw | 75 kDa |
| Cellular Localization | Nucleus. [UniProt] |

Images



ARG43071 anti-MTA2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon tissue stained with ARG43071 anti-MTA2 antibody at 1:100 dilution.



HeLa

ARG43071 anti-MTA2 antibody WB image

Western blot: HeLa cell lysate stained with ARG43071 anti-MTA2 antibody.