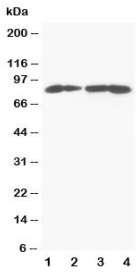
MTA1 Antibody (R30555)

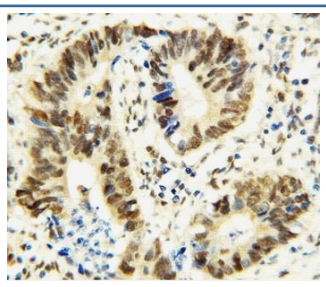
Catalog No.	Formulation	Size
R30555	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

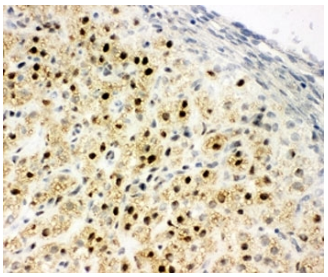
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q13330
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml IHC (Frozen) : 0.5-1ug/ml
Limitations	This MTA1 antibody is available for research use only.



Western blot testing of MTA1 antibody and Lane 1: MCF-7; 2: HeLa; 3: Jurkat; 4: CEM cell lysate. Predicted molecular weight: ~81kDa.



IHC-P: MTA1 antibody testing of human rectal cancer tissue



IHC-F: MTA1 antibody testing of rat ovary tissue

Description

Metastasis-associated protein 1 is a protein that in humans is encoded by the MTA1 gene. 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. By fluorescence in situ hybridization, mapped the gene to chromosome 14q32.3. MTA1 is a component of the chromatin remodeling complex that influences gene transcription by modulating target gene chromatin. It is widely upregulated in many carcinomas.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the MTA1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human MTA1 (ETKRAARRPYKPIALRQSQAL) was used as the immunogen for this MTA1 antibody (100% homologous in human, mouse and rat).

Storage

After reconstitution, the MTA1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.