

A20693

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## 2'-O-methylcytidine/ Cm Rabbit mAb

Catalog No.: A20693

Recombinant

### Basic Information

#### Observed MW

Refer to figures

#### Calculated MW

#### Category

Small Molecule-specific Antibody

#### Applications

ELISA,DB

#### Cross-Reactivity

Species independent

#### CloneNo number

ARC50639

### Background

RNA methylation plays a significant regulatory role in various of physiological activities. 2'-O-methylcytidine (Cm) is one of the representative 2'-O-methylation and base-methylation modified epigenetic marks of RNA. 2'-O-Methylcytidine is derivative of the nucleoside residue cytidine with a methyl group attached to the 2'-oxygen position. 2'-O-methylcytidine was found to be related to various diseases including cancer, and it might have great potential to be novel biomarkers for detection of breast cancer in the early stage. In addition, 2'-O-methylcytidine showed as an inhibitor of RNA polymerase from the hepatitis C virus (HCV). And 2'-O-methylcytidine was involved in plant stress responses.

### Recommended Dilutions

DB 1:500 - 1:2000

### Immunogen Information

Gene ID

Swiss Prot

#### Immunogen

Cm

#### Synonyms

Cm; 2'-O-methylcytidine; 2'-O-methylcytidine/ Cm

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data

