

A20695

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## 2'-O-methyluridine(Um) Rabbit mAb

Catalog No.: A20695

Recombinant

### Basic Information

#### Observed MW

Refer to figures

#### Calculated MW

#### Category

Small Molecule-specific Antibody

#### Applications

ELISA,DB

#### Cross-Reactivity

Species independent

#### CloneNo number

ARC50750

### Background

Ribose methylation is among the most ubiquitous modifications found in RNA. 2'-O-methyluridine is found in rRNA, snRNA, snoRNA and tRNA of Archaea, Bacteria, and Eukaryota. Moreover, 2'-O-methylribonucleosides are promising starting materials for the production of nucleic acid-based drugs. The chemical modification 2'-O-methyl of nucleosides is often used to increase siRNA stability towards nuclease activities.

### Recommended Dilutions

DB 1:500 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### Immunogen Information

#### Gene ID

CAS: 2140-76-3

#### Swiss Prot

#### Immunogen

Chemical compounds corresponding to 2'-O-methyluridine(Um).

#### Synonyms

Um; 2'-O-methyluridine; 2'-O-methyluridine(Um)

### Contact

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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

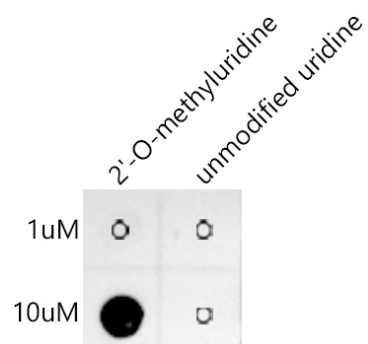
#### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Dot-blot analysis of 2'-O-methyluridine(Um) and unmodified uridine using 2'-O-methyluridine(Um) Rabbit mAb antibody (A20695) at 1:1000 dilution.

2'-O-methyluridine :  
Biotin-5'UGACAACUACAGAC(Um)3'  
unmodified uridine :  
Biotin-5'UGACAACUACAGACU3'