

2'-O-methyluridine(Um) Rabbit mAb

Catalog No.: A20695 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

Category

Primary 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

Immunogen Information

Gene ID

CAS: 2140-76-3

Swiss Prot

Immunogen

Um

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

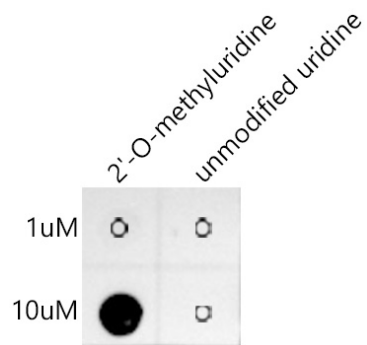
Affinity purification

Storage

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

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

Validation Data



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'