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2'-O-methyluridine(Um) Rabbit mAb

Catalog No.: A20695 Recombinant

Basic Information

Observed MW
Refer to figures

Calculated MW

Category
Primary antibody

Applications
DB,ELISA

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

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

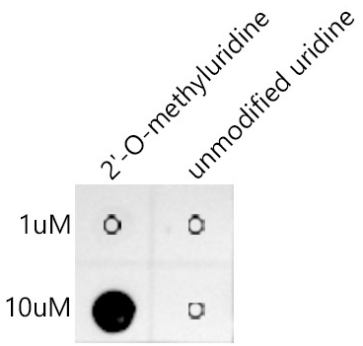
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. 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



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'

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Please visit http://abclonal.com for a complete listing of recommended products.