N6-methyladenosine/m6A Monoclonal Antibody

CAB19841

Description

This N6-methyladenosine/m6A Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB19841
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	N6-methyladenosine, m6A, N6-methyladenosine / m6A
Clone:	ARC5003-10
Applications:	IF/ICC ELISA Nucleotide Array DB meRIP
Conjugation:	-
Reactivity:	Species independent

Antibody Data

Gene ID:	-
Uniprot:	AB_2862753
Host Species:	Rabbit
Purification:	Protein A
Observed MW:	Refer to figures
Calculated MW:	-

Preparation & Storage

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.

Store Bradford Reagent at Room Temperature for 1 Year.

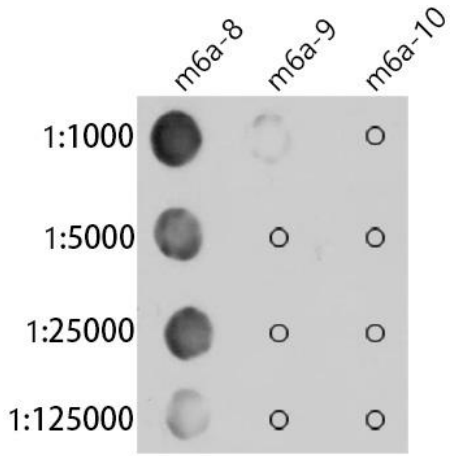
Positive Sample: -

Recommended Dilutions:

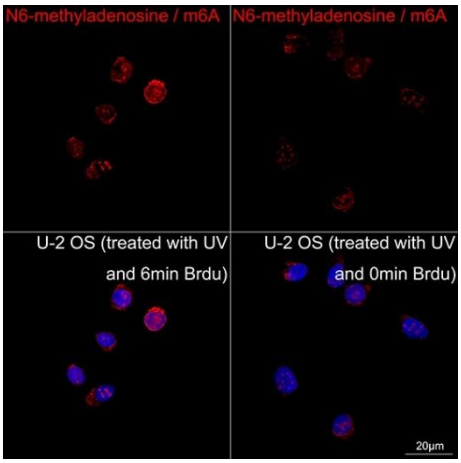
DB	1:500 - 1:2000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. meRIP 1:50 - 1:200

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Validation Data



The m6A rabbit monoclonal antibody (CAB19841) are tested in Dot Blot against -methyladenosine (m6A) and unmodified adenosine. Oligomer 8 - ATAACTGG-m6A-CCGAATGG Oligomer 9 - ATAACTGGACCGAATGG Oligomer 10 - AAAAAAAAAAAAAAAA-biotin.



Confocal imaging of U-2 OS cells (treated with UV and 6min Brdu) and U-2 OS cells (treated with UV and 0min Brdu) using -methyladenosine / m6A Rabbit mAb (CAB19841, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (CABS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.